

```
1 . * spost13 ado from https://jslsoc.sitehost.iu.edu/stata
   name: <unnamed>
   log: C:\Users\mbeissin\Desktop\Stata files for book\Logfiles\chapter7.log
   log type: text
   opened on: 25 Jan 2022, 22:17:15
```

```
2 . * =====
3 . * STATISTICAL RESULTS APPEARING IN CHAPTER 7
4 . * STATA Do file for Chapter 7
5 . * Results reported in Chapter 7
6 . * Author: Mark R. Beissinger
7 . * Date: January 2022
8 . * Princeton, NJ
9 . * =====
10 . * BEFORE RUNNING, YOU MUST SET THE DEFAULT PATH FOR WHERE THE DATA
11 . * FILES RESIDE
12 . * =====
13 . * Before running, you must download the following package for STATA for running
14 . * Brant tests (the brant command within the following package):
15 . * spost13_ado from https://jslsoc.sitehost.iu.edu/stata
16 . * =====
17 . * The following datafiles are used in this chapter:
18 . * Monitoring surveys (Ukraine)--monitoring20052014engmerged.dta
19 . * KIIS survey (Ukraine)--mohyla.orangerev.dta
20 . * 2011 Arab Barometer--Tunisia and Egypt--fullarabbarom2.dta
21 . * Cross-sectional data on revolutionary episodes--revolutionaryeps.dta
22 . * NOTE: The Gallup and Doherty/Schraeder data cited in this chapter are not
23 . * available for replication purposes; readers interested in these data
24 . * must consult the Gallup Organization and Doherty/Schraeder directly
25 . * =====
26 . * Output produced: Logfiles\chapter7.log
27 . * =====
28 .
29 .
30 . * =====
31 . * DATA FOR FIGURE 7.1
32 . * =====
33 . use monitoring20052014engmerged.dta
```

```
34 . tab partic6 if EVA_vers=="yr2005", m
```

Part/Aid/Su pport/Apath etic/Oppose /Counter	Freq.	Percent	Cum.
Part in rev	280	15.56	15.56
Aid rev	58	3.22	18.78
Support rev	651	36.17	54.94
Apathetic	154	8.56	63.50
Oppose rev	567	31.50	95.00
Countermob	37	2.06	97.06
.	53	2.94	100.00
Total	1,800	100.00	

```
35 . tab partic6 if EVA_vers=="yr2014", m
```

Part/Aid/Su pport/Apath etic/Oppose /Counter	Freq.	Percent	Cum.
Part in rev	155	8.61	8.61
Aid rev	135	7.50	16.11
Support rev	724	40.22	56.33
Apathetic	223	12.39	68.72
Oppose rev	499	27.72	96.44
Countermob	17	0.94	97.39
.	47	2.61	100.00
Total	1,800	100.00	

```
36 .
37 . * =====
38 . * DATA FOR FIGURE 7.2
39 . * =====
40 . clear
```

```
41 . use fullarabbarom2.dta
```

```
42 . tab egpartic6 if country==2, m
```

Egypt: Part/Aid/Supp/Apat h/Oppose/Counter	Freq.	Percent	Cum.
Participate	90	7.38	7.38
Aid	28	2.30	9.68
Support	834	68.42	78.10
Apathetic/inactive	82	6.73	84.82
Oppose	169	13.86	98.69
Counter	8	0.66	99.34
.	8	0.66	100.00
Total	1,219	100.00	

43 . tab tpartic5 if country==10, m

Tunisia: Part/Supp/Apath/Opp/C ounter	Freq.	Percent	Cum.
Participate	171	14.30	14.30
Support	812	67.89	82.19
Apathetic/inactive	132	11.04	93.23
Oppose	18	1.51	94.73
Counter-revolutionary	21	1.76	96.49
.	42	3.51	100.00
Total	1,196	100.00	

44 .
 45 . * =====
 46 . * PREFERENCE FALSIFICATION: COMPARISON OF MONITORING AND KIIS DATA
 47 . * =====
 48 . clear

49 . use mohyla.orangerev.dta

50 . tab demopartvote, m

Protest & vote intention crosstab	Freq.	Percent	Cum.
Orange demo, vote	277	13.55	13.55
Orange vote, no demo	550	26.91	40.46
No vote, no demo	269	13.16	53.62
Blue vote, no demo	729	35.67	89.29
Blue demo, vote	82	4.01	93.30
.	137	6.70	100.00
Total	2,044	100.00	

51 . * Comparison of whether supporters knew friends or relatives who participated
 52 . tab demopartvote v24, row

```

+-----+
| Key |
+-----+
| frequency |
| row percentage |
+-----+

```

Protest & vote intention crosstab	Did you or relatives/friends participate in protests after 2nd round?			Total
	Yes, I pe	I didn't	Neither I	
Orange demo, vote	277	0	0	277
	100.00	0.00	0.00	100.00
Orange vote, no demo	0	278	272	550
	0.00	50.55	49.45	100.00
No vote, no demo	0	50	219	269
	0.00	18.59	81.41	100.00
Blue vote, no demo	0	134	595	729
	0.00	18.38	81.62	100.00
Blue demo, vote	82	0	0	82
	100.00	0.00	0.00	100.00
Total	359	462	1,086	1,907
	18.83	24.23	56.95	100.00

53 .
 54 . * =====
 55 . * PREFERENCE FALSIFICATION: ANTI-MAIDAN SUPPORT, REFUSAL TO ANSWER, BY REGION
 56 . * =====
 57 . clear

58 . use monitoring20052014engmerged.dta

59 . tab EVA310C donbas if EVA_vers=="yr2014", col

```

+-----+
| Key |
+-----+
| frequency |
| column percentage |
+-----+

```

Did you support the demands of the participants in the Anti-Maidan actions?	Donbas		Total
	no	yes	
Supported from very b	39	48	87
	2.62	17.08	4.91
Did not supp at begin	19	10	29
	1.28	3.56	1.64
Supp at beginning, no	33	12	45
	2.21	4.27	2.54

Did not supp then and	1,084	111	1,195
	72.75	39.50	67.48
Hard to say	315	100	415
	21.14	35.59	23.43
Total	1,490	281	1,771
	100.00	100.00	100.00

60 . logit antimaidnoanswer west eastnodon south donbas if EVA_vers=="yr2014", or

```
Iteration 0:  log likelihood = -964.23277
Iteration 1:  log likelihood = -940.57565
Iteration 2:  log likelihood = -940.11689
Iteration 3:  log likelihood = -940.11666
Iteration 4:  log likelihood = -940.11666
```

Logistic regression

Number of obs	=	1,771
LR chi2(4)	=	48.23
Prob > chi2	=	0.0000
Pseudo R2	=	0.0250

Log likelihood = -940.11666

antimaidnoanswer	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]
west	.6853144	.1276673	-2.03	0.043	.475685 .9873253
eastnodon	1.643094	.255918	3.19	0.001	1.210834 2.229668
south	1.269144	.2502179	1.21	0.227	.8623676 1.867796
donbas	2.255985	.3630595	5.06	0.000	1.645701 3.092584
_cons	.244898	.0249437	-13.81	0.000	.2005798 .2990082

```
61 .
62 . * =====
63 . * DEGREE OF COMMITMENT TO DEFENDING THEIR VOTE AMONG REGIME SUPPORTERS
64 . * AND OPPOSITION SUPPORTERS, ORANGE REVOLUTION
65 . * =====
66 . clear
```

67 . use mohyla.orangerev.dta

68 . tab votefor defendchoice, chi row

```
+-----+
| Key   |
+-----+
| frequency |
| row percentage |
+-----+
```

Likely	Willing to defend or choice in election	through protest (V23)	voter	no	yes	Total
Yushchenko				168	623	791
				21.24	78.76	100.00
Yanukovich				584	183	767
				76.14	23.86	100.00
Total				752	806	1,558
				48.27	51.73	100.00

Pearson chi2(1) = 470.0680 Pr = 0.000

```
69 .
70 . * =====
71 . * ILLUSTRATIONS OF WHAT ONE CAN LEARN--INITIAL FIGURES PRESENTED
72 . * ON ORANGE REVOLUTION PARTICIPANTS
73 . * =====
74 . clear
```

75 . use monitoring20052014engmerged.dta

76 . * PARTICIPANTS VS. OTHERS

77 . * Living space

78 . tttest EVA242 if EVA_vers=="yr2005", by(newpartica)

Two-sample t test with equal variances

Group	Obs	Mean	Std. Err.	Std. Dev.	[95% Conf. Interval]
0	1,439	42.79357	.686501	26.04184	41.44692 44.14022
1	260	60.475	10.98098	177.0629	38.85164 82.09836
combined	1,699	45.49938	1.782289	73.46403	42.00367 48.9951
diff		-17.68143	4.933383		-27.35758 -8.005274

diff = mean(0) - mean(1) t = -3.5840
 Ho: diff = 0 degrees of freedom = 1697

Ha: diff < 0 Ha: diff != 0 Ha: diff > 0
 Pr(T < t) = 0.0002 Pr(|T| > |t|) = 0.0003 Pr(T > t) = 0.9998

```
79 .
80 . * Heating of home in winter
81 . ologit EVA247 gender newage newpartica if EVA_vers=="yr2005", or
```

```
Iteration 0: log likelihood = -1719.3389
Iteration 1: log likelihood = -1705.9048
Iteration 2: log likelihood = -1705.8478
Iteration 3: log likelihood = -1705.8478
```

```
Ordered logistic regression           Number of obs   =   1,798
                                      LR chi2(3)       =    26.98
                                      Prob > chi2      =    0.0000
Log likelihood = -1705.8478          Pseudo R2       =    0.0078
```

EVA247	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]
gender	1.352849	.130853	3.12	0.002	1.119226 1.635238
newage	1.00307	.0028692	1.07	0.284	.9974621 1.008709
newpartica	1.703891	.2388896	3.80	0.000	1.294498 2.242757
/cut1	-1.758809	.1605776			-2.073535 -1.444082
/cut2	-.1927976	.1516115			-.4899507 -.1043554
/cut3	4.502112	.2397305			4.032249 4.971975

```
82 . brant
      Brant test of parallel regression assumption
```

	chi2	p>chi2	df
All	9.49	0.148	6
gender	4.86	0.088	2
newage	0.47	0.789	2
newpartica	4.14	0.126	2

A significant test statistic provides evidence that the parallel regression assumption has been violated.

```
83 . * Passed proportional odds test
84 . margins, atmeans at(newpartica=(0 1))
```

```
Adjusted predictions           Number of obs   =   1,798
Model VCE : OIM
```

```
1._predict : Pr(EVA247==1), predict(pr outcome(1))
2._predict : Pr(EVA247==2), predict(pr outcome(2))
3._predict : Pr(EVA247==3), predict(pr outcome(3))
4._predict : Pr(EVA247==4), predict(pr outcome(4))
```

```
1._at : gender       = .4427141 (mean)
        newage       = 45.55729 (mean)
        newpartica   = 0
2._at : gender       = .4427141 (mean)
        newage       = 45.55729 (mean)
        newpartica   = 1
```

	Margin	Delta-method Std. Err.	z	P> z	[95% Conf. Interval]
predict#_at					
1 1	.1158587	.0079482	14.58	0.000	.1002805 .131437
1 2	.0714146	.0096076	7.43	0.000	.0525841 .0902452
2 1	.2696492	.0110339	24.44	0.000	.2480231 .2912753
2 2	.1976942	.0178393	11.08	0.000	.1627298 .2326587
3 1	.6001297	.0124241	48.30	0.000	.575779 .6244804
3 2	.7066641	.0235698	29.98	0.000	.6604682 .75286
4 1	.0143624	.002689	5.34	0.000	.0090921 .0196326
4 2	.024227	.0051278	4.72	0.000	.0141766 .0342774

```
85 .
86 . * Attends church
87 . logit attendschurch gender newage newpartica if EVA_vers=="yr2005", or
```

```
Iteration 0: log likelihood = -811.01018
Iteration 1: log likelihood = -776.27874
Iteration 2: log likelihood = -775.15717
Iteration 3: log likelihood = -775.1558
Iteration 4: log likelihood = -775.1558
```

```
Logistic regression           Number of obs   =   1,800
                                      LR chi2(3)       =    71.71
                                      Prob > chi2      =    0.0000
Log likelihood = -775.1558          Pseudo R2       =    0.0442
```

attendschurch	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]
gender	.589949	.0803104	-3.88	0.000	.451793 .7703524
newage	1.02501	.0040778	6.21	0.000	1.017049 1.033034
newpartica	2.283381	.3774755	4.99	0.000	1.651439 3.157142
_cons	.0654528	.0147249	-12.12	0.000	.0421147 .1017237

88 . margins, atmeans at(newpartica=(0 1))

```

Adjusted predictions      Number of obs   =    1,800
Model VCE      : OIM

Expression   : Pr(attendschurch), predict()

1._at      : gender      =    .4433333 (mean)
             newage      =    45.55444 (mean)
             newpartica   =            0

2._at      : gender      =    .4433333 (mean)
             newage      =    45.55444 (mean)
             newpartica   =            1
    
```

	Margin	Delta-method Std. Err.	z	P> z	[95% Conf. Interval]
_at					
1	.1376366	.0092092	14.95	0.000	.1195869 .1556863
2	.2670967	.0281055	9.50	0.000	.212011 .3221825

89 .
90 . * Smoker
91 . logit smoker gender newage newpartica if EVA_vers=="yr2005", or

```

Iteration 0:  log likelihood = -1167.1621
Iteration 1:  log likelihood = -947.28296
Iteration 2:  log likelihood = -941.32026
Iteration 3:  log likelihood = -941.29744
Iteration 4:  log likelihood = -941.29744

Logistic regression      Number of obs   =    1,797
                        LR chi2(3)      =    451.73
                        Prob > chi2     =    0.0000
                        Pseudo R2      =    0.1935

Log likelihood = -941.29744
    
```

smoker	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]
gender	6.865551	.7987329	16.56	0.000	5.465719 8.623897
newage	.9610233	.0035189	-10.86	0.000	.9541511 .967945
newpartica	.7058207	.1094636	-2.25	0.025	.5208158 .9565435
cons	1.241833	.2150496	1.25	0.211	.8844222 1.74368

92 . margins, atmeans at(newpartica=(0 1))

```

Adjusted predictions      Number of obs   =    1,797
Model VCE      : OIM

Expression   : Pr(smoker), predict()

1._at      : gender      =    .443517 (mean)
             newage      =    45.54535 (mean)
             newpartica   =            0

2._at      : gender      =    .443517 (mean)
             newage      =    45.54535 (mean)
             newpartica   =            1
    
```

	Margin	Delta-method Std. Err.	z	P> z	[95% Conf. Interval]
_at					
1	.3230699	.0138801	23.28	0.000	.2958654 .3502744
2	.2519775	.0274567	9.18	0.000	.1981633 .3057917

93 .
94 . * True friends
95 . ologit newtruefriends gender newage newpartica if EVA_vers=="yr2005", or

```

Iteration 0:  log likelihood = -1729.8949
Iteration 1:  log likelihood = -1724.6746
Iteration 2:  log likelihood = -1724.6661
Iteration 3:  log likelihood = -1724.6661

Ordered logistic regression      Number of obs   =    1,752
                        LR chi2(3)      =    10.46
                        Prob > chi2     =    0.0151
                        Pseudo R2      =    0.0030

Log likelihood = -1724.6661
    
```

newtruefriends	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]
gender	.9667938	.0905507	-0.36	0.718	.8046548 1.161604
newage	1.000146	.0028031	0.05	0.958	.9946674 1.005655
newpartica	1.522634	.2028544	3.16	0.002	1.172718 1.97696
/cut1	-1.000326	.1514359			-1.297135 -.7035169
/cut2	-.1722393	.1493719			-.4650028 .1205243

96 . brant

Brant test of parallel regression assumption

	chi2	p>chi2	df
All	2.63	0.452	3
gender	1.34	0.247	1
newage	0.06	0.801	1
newpartica	1.12	0.290	1

A significant test statistic provides evidence that the parallel regression assumption has been violated.

97 . * Passed proportional odds test
 98 . margins, atmeans at(newpartica=(0 1))

Adjusted predictions Number of obs = 1,752
 Model VCE : OIM

1._predict : Pr(newtruefriends==1), predict(pr outcome(1))
 2._predict : Pr(newtruefriends==2), predict(pr outcome(2))
 3._predict : Pr(newtruefriends==3), predict(pr outcome(3))

1._at : gender = .4469178 (mean)
 newage = 45.46575 (mean)
 newpartica = 0

2._at : gender = .4469178 (mean)
 newage = 45.46575 (mean)
 newpartica = 1

predict# at	Delta-method			z	P> z	[95% Conf. Interval]	
	Margin	Std. Err.					
1 1	.2705395	.0113848	23.76	0.000	.2482257	.2928533	
1 2	.1958669	.0200235	9.78	0.000	.1566216	.2351123	
2 1	.1886017	.0095225	19.81	0.000	.1699378	.2072655	
2 2	.16209	.0116033	13.97	0.000	.139348	.1848319	
3 1	.5408589	.0129457	41.78	0.000	.5154857	.566232	
3 2	.6420431	.0283234	22.67	0.000	.5865302	.6975559	

99 .

100 . * Loneliness

101 . ologit EVA185 gender newage newpartica if EVA_vers=="yr2005", or

Iteration 0: log likelihood = -2507.6052
 Iteration 1: log likelihood = -2487.1485
 Iteration 2: log likelihood = -2487.1228
 Iteration 3: log likelihood = -2487.1228

Ordered logistic regression Number of obs = 1,799
 LR chi2(3) = 40.96
 Prob > chi2 = 0.0000
 Log likelihood = -2487.1228 Pseudo R2 = 0.0082

EVA185	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]	
gender	.6716148	.0584283	-4.58	0.000	.5663286	.7964747
newage	1.00458	.0026115	1.76	0.079	.9994751	1.009712
newpartica	.6739219	.0821815	-3.24	0.001	.5306518	.8558734
/cut1	-.7236132	.1387497			-.9955575	-.4516689
/cut2	.6726111	.1375532			.4030117	.9422104
/cut3	1.937817	.1471416			1.649425	2.226209
/cut4	3.287032	.181481			2.931336	3.642728

102 . margins, atmeans at(newpartica=(0 1))

Adjusted predictions Number of obs = 1,799
 Model VCE : OIM

1._predict : Pr(EVA185==1), predict(pr outcome(1))
 2._predict : Pr(EVA185==2), predict(pr outcome(2))
 3._predict : Pr(EVA185==3), predict(pr outcome(3))
 4._predict : Pr(EVA185==4), predict(pr outcome(4))
 5._predict : Pr(EVA185==5), predict(pr outcome(5))

1._at : gender = .4435798 (mean)
 newage = 45.56809 (mean)
 newpartica = 0

2._at : gender = .4435798 (mean)
 newage = 45.56809 (mean)
 newpartica = 1

Table with columns: predict# at, Margin, Delta-method Std. Err., z, P>|z|, [95% Conf. Interval]. Rows include numerical values for predict# at 1 through 5.

103 . brant

Brant test of parallel regression assumption

Table with columns: chi2, p>chi2, df. Rows include All, gender, newage, newpartica.

A significant test statistic provides evidence that the parallel regression assumption has been violated.

104 . * failed Brant test--alternative results using mlogit
105 . mlogit EVA185 gender newage newpartica if EVA_vers=="yr2005", rrr b(3)

Iteration 0: log likelihood = -2507.6052
Iteration 1: log likelihood = -2468.1803
Iteration 2: log likelihood = -2466.9281
Iteration 3: log likelihood = -2466.9228
Iteration 4: log likelihood = -2466.9228

Multinomial logistic regression Number of obs = 1,799
LR chi2(12) = 81.36
Prob > chi2 = 0.0000
Pseudo R2 = 0.0162

Table with columns: EVA185, RRR, Std. Err., z, P>|z|, [95% Conf. Interval]. Rows include Practically_never, Sometimes, Time to time not often not rare, Quite_often, Constantly, with sub-rows for gender, newage, newpartica, _cons.

106 . margins, atmeans at(newpartica=0 1)

Adjusted predictions Number of obs = 1,799
Model VCE : OIM
1. _predict : Pr(EVA185==Practically_never), predict(pr outcome(1))
2. _predict : Pr(EVA185==Sometimes), predict(pr outcome(2))
3. _predict : Pr(EVA185==Time to time not often not rare), predict(pr outcome(3))
4. _predict : Pr(EVA185==Quite_often), predict(pr outcome(4))
5. _predict : Pr(EVA185==Constantly), predict(pr outcome(5))
1. at : gender = .4435798 (mean)
newage = 45.56809 (mean)
newpartica = 0
2. _at : gender = .4435798 (mean)
newage = 45.56809 (mean)
newpartica = 1

predict#	at	Delta-method		z	P> z	[95% Conf. Interval]	
		Margin	Std. Err.				
1	1	.3250587	.0121996	26.65	0.000	.3011479	.3489695
1	2	.4288495	.0301765	14.21	0.000	.3697047	.4879944
2	1	.3400485	.0123278	27.58	0.000	.3158865	.3642106
2	2	.3148289	.0281708	11.18	0.000	.2596152	.3700426
3	1	.2170744	.0107496	20.19	0.000	.1960055	.2381433
3	2	.1613262	.0221966	7.27	0.000	.1178218	.2048307
4	1	.0860589	.0075187	11.45	0.000	.0713224	.1007954
4	2	.0714392	.016261	4.39	0.000	.0395681	.1033103
5	1	.0317595	.0048651	6.53	0.000	.0222241	.0412948
5	2	.0235561	.0095444	2.47	0.014	.0048494	.0422628

107 .
 108 . * Satisfied with life as a whole
 109 . ologit EVA130 gender newage newpartica if EVA_vers=="yr2005", or

Iteration 0: log likelihood = -2568.9818
 Iteration 1: log likelihood = -2545.1917
 Iteration 2: log likelihood = -2545.1579
 Iteration 3: log likelihood = -2545.1579

Ordered logistic regression Number of obs = 1,800
 LR chi2(3) = 47.65
 Prob > chi2 = 0.0000
 Log likelihood = -2545.1579 Pseudo R2 = 0.0093

EVA130	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]	
gender	1.118801	.0963034	1.30	0.192	.9451132	1.324409
newage	.9949987	.0025607	-1.95	0.051	.9899925	1.00003
newpartica	2.024879	.2417897	5.91	0.000	1.602351	2.558825
/cut1	-2.025928	.1484329			-2.316851	-1.735005
/cut2	-.2957652	.1382664			-.5667624	-.0247681
/cut3	.8759141	.1398915			.6017318	1.150096
/cut4	3.554954	.1947501			3.173251	3.936657

110 . brant

Brant test of parallel regression assumption

	chi2	p>chi2	df
All	12.39	0.192	9
gender	2.56	0.464	3
newage	6.24	0.101	3
newpartica	1.76	0.623	3

A significant test statistic provides evidence that the parallel regression assumption has been violated.

111 . * Passed proportional odds test
 112 . margins, atmeans at(newpartica=(0 1))

Adjusted predictions Number of obs = 1,800
 Model VCE : OIM

1._predict : Pr(EVA130==1), predict(pr outcome(1))
 2._predict : Pr(EVA130==2), predict(pr outcome(2))
 3._predict : Pr(EVA130==3), predict(pr outcome(3))
 4._predict : Pr(EVA130==4), predict(pr outcome(4))
 5._predict : Pr(EVA130==5), predict(pr outcome(5))

1._at : gender = .4433333 (mean)
 newage = 45.55444 (mean)
 newpartica = 0
 2._at : gender = .4433333 (mean)
 newage = 45.55444 (mean)
 newpartica = 1

predict#	at	Delta-method		z	P> z	[95% Conf. Interval]	
		Margin	Std. Err.				
1	1	.1361913	.0085254	15.97	0.000	.1194819	.1529006
1	2	.0722385	.008518	8.48	0.000	.0555435	.0889336
2	1	.3345601	.0116491	28.72	0.000	.3117283	.3573918
2	2	.2329653	.0172108	13.54	0.000	.1992327	.2666979
3	1	.2708965	.0105161	25.76	0.000	.2502854	.2915077
3	2	.2811811	.0112725	24.94	0.000	.2590875	.3032747
4	1	.2350035	.0103944	22.61	0.000	.2146309	.2553762
4	2	.3674418	.0234133	15.69	0.000	.3215526	.4133309
5	1	.0233486	.0033683	6.93	0.000	.016747	.0299503
5	2	.0461733	.0075597	6.11	0.000	.0313564	.0609901

```
113 .
114 . * Remained politically active after revolution
115 . logit EVA223_14 gender newage newpartica if EVA_vers=="yr2005", or
```

```
Iteration 0: log likelihood = -279.68706
Iteration 1: log likelihood = -274.11032
Iteration 2: log likelihood = -271.64731
Iteration 3: log likelihood = -271.6411
Iteration 4: log likelihood = -271.6411
```

```
Logistic regression          Number of obs   =    1,800
                             LR chi2(3)           =    16.09
                             Prob > chi2          =    0.0011
                             Pseudo R2            =    0.0288

Log likelihood = -271.6411
```

EVA223_14	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]	
gender	1.039268	.2672072	0.15	0.881	.6278769	1.720208
newage	1.000756	.0078182	0.10	0.923	.9855494	1.016197
newpartica	3.150912	.8668498	4.17	0.000	1.837645	5.402701
_cons	.0269822	.0113612	-8.58	0.000	.0118214	.0615868

```
116 . margins, atmeans at(newpartica=(0 1))
```

```
Adjusted predictions          Number of obs   =    1,800
Model VCE      : OIM
```

```
Expression   : Pr(EVA223_14), predict()
```

```
1._at      : gender      = .4433333 (mean)
              newage      = 45.55444 (mean)
              newpartica  = 0
```

```
2._at      : gender      = .4433333 (mean)
              newage      = 45.55444 (mean)
              newpartica  = 1
```

	Margin	Delta-method Std. Err.	z	P> z	[95% Conf. Interval]	
_at						
1	.0276235	.004212	6.56	0.000	.0193682	.0358788
2	.0821578	.0168768	4.87	0.000	.0490799	.1152357

```
117 .
118 . * BIOGRAPHICAL AVAILABILITY
119 . * Marriage for Orange and Euromaidan participants, vs. other rev supporters
120 . logit married gender newage newpartica if EVA_vers=="yr2005" & partic5a~=4 & partic5a~=5, or
```

```
Iteration 0: log likelihood = -650.85915
Iteration 1: log likelihood = -642.27512
Iteration 2: log likelihood = -642.25321
Iteration 3: log likelihood = -642.25321
```

```
Logistic regression          Number of obs   =    1,033
                             LR chi2(3)           =    17.21
                             Prob > chi2          =    0.0006
                             Pseudo R2            =    0.0132

Log likelihood = -642.25321
```

married	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]	
gender	1.742811	.2398377	4.04	0.000	1.330797	2.282384
newage	1.00508	.0042422	1.20	0.230	.9968001	1.013429
newpartica	.954186	.1487994	-0.30	0.764	.7028998	1.295307
_cons	1.30956	.3003825	1.18	0.240	.8353719	2.052916

```
121 . logit married gender newage newpartica if EVA_vers=="yr2014" & partic5a~=4 & partic5a~=5, or
```

```
Iteration 0: log likelihood = -658.54429
Iteration 1: log likelihood = -649.94167
Iteration 2: log likelihood = -649.91882
Iteration 3: log likelihood = -649.91882
```

```
Logistic regression          Number of obs   =    1,047
                             LR chi2(3)           =    17.25
                             Prob > chi2          =    0.0006
                             Pseudo R2            =    0.0131

Log likelihood = -649.91882
```

married	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]	
gender	1.69851	.2306808	3.90	0.000	1.301557	2.216526
newage	1.004038	.0042306	0.96	0.339	.99578	1.012364
newpartica	1.200602	.2426478	0.90	0.366	.8079169	1.784149
_cons	1.342703	.2925633	1.35	0.176	.876013	2.058019

```
122 .
123 . * Children under 6 for Orange and Euromaidan participants, vs. other rev supporters
124 . logit EVA264_2 gender newage newpartica if EVA_vers=="yr2005" & partic5a~4 & partic5a~5, or
```

```
Iteration 0:  log likelihood = -357.55422
Iteration 1:  log likelihood = -303.69019
Iteration 2:  log likelihood = -292.98424
Iteration 3:  log likelihood = -292.76163
Iteration 4:  log likelihood = -292.76157
Iteration 5:  log likelihood = -292.76157

Logistic regression      Number of obs   =    1,041
                        LR chi2(3)              =    129.59
                        Prob > chi2             =    0.0000
Log likelihood = -292.76157   Pseudo R2       =    0.1812
```

EVA264_2	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]	
gender	.5925995	.1296664	-2.39	0.017	.3859316	.909939
newage	.9174333	.0084542	-9.35	0.000	.9010121	.9341538
newpartica	.5180816	.1292008	-2.64	0.008	.3177773	.8446435
_cons	5.075308	1.826693	4.51	0.000	2.506686	10.27602

```
125 . logit EVA264_2 gender newage newpartica if EVA_vers=="yr2014" & partic5a~4 & partic5a~5, or
```

```
Iteration 0:  log likelihood = -470.03658
Iteration 1:  log likelihood = -388.83882
Iteration 2:  log likelihood = -376.24864
Iteration 3:  log likelihood = -376.07763
Iteration 4:  log likelihood = -376.07762

Logistic regression      Number of obs   =    1,051
                        LR chi2(3)              =    187.92
                        Prob > chi2             =    0.0000
Log likelihood = -376.07762   Pseudo R2       =    0.1999
```

EVA264_2	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]	
gender	.8369659	.1551806	-0.96	0.337	.5819528	1.203726
newage	.9135025	.0074085	-11.16	0.000	.8990968	.928139
newpartica	.558868	.1589485	-2.05	0.041	.3200499	.9758899
_cons	7.813756	2.452558	6.55	0.000	4.223643	14.45548

```
126 .
127 . * Health for Orange and Euromaidan participants, vs. other rev supporters
128 . ologit health gender newage newpartica if EVA_vers=="yr2005" & partic5a~4 & partic5a~5, or
```

```
Iteration 0:  log likelihood = -1020.1617
Iteration 1:  log likelihood = -898.34471
Iteration 2:  log likelihood = -893.49153
Iteration 3:  log likelihood = -893.48708
Iteration 4:  log likelihood = -893.48708

Ordered logistic regression      Number of obs   =    1,040
                                LR chi2(3)              =    253.35
                                Prob > chi2             =    0.0000
Log likelihood = -893.48708   Pseudo R2       =    0.1242
```

health	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]	
gender	1.728927	.2208024	4.29	0.000	1.346074	2.22067
newage	.9444123	.0041489	-13.02	0.000	.9363155	.9525791
newpartica	1.448844	.2112674	2.54	0.011	1.088682	1.928155
/cut1	-3.659629	.2542587			-4.157967	-3.161291
/cut2	-.4975264	.2159215			-.9207248	-.0743281

```
129 . brant
```

Brant test of parallel regression assumption

	chi2	p>chi2	df
All	0.63	0.890	3
gender	0.00	0.999	1
newage	0.31	0.580	1
newpartica	0.41	0.523	1

A significant test statistic provides evidence that the parallel regression assumption has been violated.

```
130 . * Passed proportional odds test
```

131 . ologit health gender newage newpartica if EVA_vers=="yr2014" & partic5a~=4 & partic5a~=5, or

```
Iteration 0: log likelihood = -1025.5351
Iteration 1: log likelihood = -906.43835
Iteration 2: log likelihood = -901.48899
Iteration 3: log likelihood = -901.48445
Iteration 4: log likelihood = -901.48445

Ordered logistic regression      Number of obs   =    1,051
                                LR chi2(3)       =    248.10
                                Prob > chi2        =    0.0000
                                Pseudo R2          =    0.1210

Log likelihood = -901.48445
```

health	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]
gender	1.723695	.2182044	4.30	0.000	1.344949 2.209098
newage	.9416329	.0041811	-13.54	0.000	.9334737 .9498634
newpartica	1.435049	.2628688	1.97	0.049	1.00218 2.054886
/cut1	-4.289826	.2581238			-4.795739 -3.783913
/cut2	-1.101223	.2080421			-1.508978 -.6934675

132 . brant

Brant test of parallel regression assumption

	chi2	p>chi2	df
All	1.72	0.633	3
gender	1.01	0.316	1
newage	0.47	0.493	1
newpartica	0.35	0.552	1

A significant test statistic provides evidence that the parallel regression assumption has been violated.

133 . * Passed proportional odds test

134 .

135 . * APATHETIC IN ORANGE REVOLUTION

136 . logit apathetic gender newage EVA251 russpeakathome if EVA_vers=="yr2005", or

```
Iteration 0: log likelihood = -517.30284
Iteration 1: log likelihood = -498.76083
Iteration 2: log likelihood = -497.86678
Iteration 3: log likelihood = -497.86439
Iteration 4: log likelihood = -497.86439

Logistic regression      Number of obs   =    1,732
                        LR chi2(4)       =    38.88
                        Prob > chi2      =    0.0000
                        Pseudo R2        =    0.0376

Log likelihood = -497.86439
```

apathetic	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]
gender	.705732	.1251376	-1.97	0.049	.4985494 .9990137
newage	.975103	.0053242	-4.62	0.000	.9647234 .9855943
EVA251	.8677843	.0490192	-2.51	0.012	.7768359 .9693805
russpeakathome	1.650916	.2838592	2.92	0.004	1.178607 2.312496
cons	.4327395	.1514654	-2.39	0.017	.2179179 .8593302

137 .

138 . * COUNTER-REVOLUTIONARIES IN ORANGE REVOLUTION

139 . * Exercise

140 . logit exercise newage gender oppcounter if EVA_vers=="yr2005", or

```
Iteration 0: log likelihood = -332.0136
Iteration 1: log likelihood = -326.79582
Iteration 2: log likelihood = -326.6599
Iteration 3: log likelihood = -326.65989

Logistic regression      Number of obs   =    605
                        LR chi2(3)       =    10.71
                        Prob > chi2      =    0.0134
                        Pseudo R2        =    0.0161

Log likelihood = -326.65989
```

exercise	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]
newage	.9895365	.0056109	-1.86	0.064	.9786003 1.000595
gender	.8412823	.1665008	-0.87	0.383	.5707919 1.239954
oppcounter	2.514282	.8760202	2.65	0.008	1.270107 4.977229
_cons	.5057406	.1461049	-2.36	0.018	.2870925 .8909102

141 . margins, atmeans at(oppcounter=(0 1))

```

Adjusted predictions                      Number of obs   =           605
Model VCE      : OIM

Expression   : Pr(exercise), predict()

1._at       : newage       = 46.33884 (mean)
              gender       = .4264463 (mean)
              oppcounter   =         0

2._at       : newage       = 46.33884 (mean)
              gender       = .4264463 (mean)
              oppcounter   =         1

```

	Margin	Delta-method Std. Err.	z	P> z	[95% Conf. Interval]	
_at						
1	.2239393	.0176138	12.71	0.000	.1894168	.2584617
2	.4204641	.0811522	5.18	0.000	.2614087	.5795194

142 . logit exercise newage gender countermob if EVA_vers=="yr2005", or

```

Iteration 0: log likelihood = -870.86561
Iteration 1: log likelihood = -851.31004
Iteration 2: log likelihood = -850.65005
Iteration 3: log likelihood = -850.64992
Iteration 4: log likelihood = -850.64992

```

```

Logistic regression                      Number of obs   =           1,747
                                         LR chi2(3)     =           40.43
                                         Prob > chi2    =           0.0000
Log likelihood = -850.64992               Pseudo R2     =           0.0232

```

	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]	
newage	.9805231	.0036506	-5.28	0.000	.9733941	.9877043
gender	1.102105	.134727	0.80	0.426	.8672966	1.400484
countermob	2.891349	.9827437	3.12	0.002	1.485199	5.628806
_cons	.5453924	.0991997	-3.33	0.001	.3818447	.7789891

143 . margins, atmeans at(countermob=(0 1))

```

Adjusted predictions                      Number of obs   =           1,747
Model VCE      : OIM

Expression   : Pr(exercise), predict()

1._at       : newage       = 45.57584 (mean)
              gender       = .4436176 (mean)
              countermob   =         0

2._at       : newage       = 45.57584 (mean)
              gender       = .4436176 (mean)
              countermob   =         1

```

	Margin	Delta-method Std. Err.	z	P> z	[95% Conf. Interval]	
_at						
1	.1885351	.0096357	19.57	0.000	.1696496	.2074207
2	.4018329	.0804267	5.00	0.000	.2441995	.5594663

144 .

145 . * Visited lawyer in last 12 mos.

146 . logit visitedlawyer oppcounter if EVA_vers=="yr2005", or

```

Iteration 0: log likelihood = -141.88629
Iteration 1: log likelihood = -140.56394
Iteration 2: log likelihood = -139.58497
Iteration 3: log likelihood = -139.58349
Iteration 4: log likelihood = -139.58349

```

```

Logistic regression                      Number of obs   =           604
                                         LR chi2(1)     =           4.61
                                         Prob > chi2    =           0.0319
Log likelihood = -139.58349               Pseudo R2     =           0.0162

```

	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]	
oppcounter	3.128906	1.503957	2.37	0.018	1.21969	8.026677
_cons	.0599251	.0109061	-15.47	0.000	.0419463	.08561

147 . margins, atmeans at(oppcounter=(0 1))

```
Adjusted predictions          Number of obs   =         604
Model VCE      : OIM

Expression   : Pr(visitedlawyer), predict()

1._at       : oppcounter      =          0
2._at       : oppcounter      =          1
```

	Margin	Delta-method Std. Err.	z	P> z	[95% Conf. Interval]
_at					
1	.0565371	.0097078	5.82	0.000	.0375102 .075564
2	.1578947	.0591528	2.67	0.008	.0419574 .2738321

148 . logit visitedlawyer countermob if EVA_vers=="yr2005", or

```
Iteration 0:  log likelihood = -371.61179
Iteration 1:  log likelihood = -370.85146
Iteration 2:  log likelihood = -368.90165
Iteration 3:  log likelihood = -368.89184
Iteration 4:  log likelihood = -368.89183

Logistic regression          Number of obs   =       1,743
                             LR chi2(1)           =          5.44
                             Prob > chi2          =         0.0197
Log likelihood = -368.89183   Pseudo R2       =         0.0073
```

visitedlawyer	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]
countermob	3.364585	1.54055	2.65	0.008	1.371482 8.254162
cons	.0557276	.0060357	-26.66	0.000	.0450691 .0689066

149 . margins, atmeans at(countermob=(0 1))

```
Adjusted predictions          Number of obs   =       1,743
Model VCE      : OIM

Expression   : Pr(visitedlawyer), predict()

1._at       : countermob      =          0
2._at       : countermob      =          1
```

	Margin	Delta-method Std. Err.	z	P> z	[95% Conf. Interval]
_at					
1	.0527859	.0054153	9.75	0.000	.0421722 .0633997
2	.1578948	.0591528	2.67	0.008	.0419575 .2738322

150 .
151 . * Dissatisfaction w. amenities and sanitary conditions in home
152 . ologit homedissat newage gender oppcounter if EVA_vers=="yr2005", or

```
Iteration 0:  log likelihood = -539.43457
Iteration 1:  log likelihood = -533.81279
Iteration 2:  log likelihood = -533.75552
Iteration 3:  log likelihood = -533.75546
Iteration 4:  log likelihood = -533.75546

Ordered logistic regression    Number of obs   =         605
                              LR chi2(3)         =         11.36
                              Prob > chi2        =         0.0099
Log likelihood = -533.75546   Pseudo R2       =         0.0105
```

homedissat	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]
newage	.9882873	.0048734	-2.39	0.017	.9787817 .9978853
gender	.8049694	.1363541	-1.28	0.200	.5775559 1.121927
oppcounter	2.238783	.9114261	1.98	0.048	1.008048 4.972134
/cut1	-2.063563	.2748638			-2.602286 -1.52484
/cut2	-1.211179	.2650234			-1.730615 -.6917424

153 . brant

```
Brant test of parallel regression assumption
```

	chi2	p>chi2	df
All	3.04	0.386	3
newage	0.30	0.586	1
gender	2.28	0.131	1
oppcounter	0.22	0.639	1

A significant test statistic provides evidence that the parallel regression assumption has been violated.

154 . * Passed proportional odds test
 155 . margins, atmeans at(oppcounter=(0 1))

Adjusted predictions Number of obs = 605
 Model VCE : OIM

1._predict : Pr(homedissat==1), predict(pr outcome(1))
 2._predict : Pr(homedissat==2), predict(pr outcome(2))
 3._predict : Pr(homedissat==3), predict(pr outcome(3))

1._at : newage = 46.33884 (mean)
 gender = .4264463 (mean)
 oppcounter = 0

2._at : newage = 46.33884 (mean)
 gender = .4264463 (mean)
 oppcounter = 1

predict# at	Margin	Std. Err.	z	P> z	[95% Conf. Interval]	
1 1	.1938649	.0165424	11.72	0.000	.1614425	.2262874
1 2	.0969991	.03545	2.74	0.006	.0275184	.1664797
2 1	.1667479	.0154714	10.78	0.000	.1364244	.1970714
2 2	.1042288	.0300963	3.46	0.001	.045241	.1632165
3 1	.6393872	.0202888	31.51	0.000	.5996218	.6791525
3 2	.7987721	.0639787	12.48	0.000	.6733761	.9241682

156 . ologit homedissat newage gender countermob if EVA_vers=="yr2005", or

Iteration 0: log likelihood = -1830.0038
 Iteration 1: log likelihood = -1816.0407
 Iteration 2: log likelihood = -1815.9412
 Iteration 3: log likelihood = -1815.9412

Ordered logistic regression Number of obs = 1,747
 LR chi2(3) = 28.13
 Prob > chi2 = 0.0000
 Log likelihood = -1815.9412 Pseudo R2 = 0.0077

homedissat	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]	
newage	.993046	.0026823	-2.58	0.010	.9878027	.9983171
gender	.797947	.0729148	-2.47	0.014	.6671031	.9544543
countermob	4.393393	1.752829	3.71	0.000	2.010003	9.60292
/cut1	-1.280882	.1456119			-1.566277	-.9954884
/cut2	-.314245	.1423531			-.593252	-.035238

157 . brant

Brant test of parallel regression assumption

	chi2	p>chi2	df
All	1.73	0.630	3
newage	0.85	0.356	1
gender	0.59	0.441	1
countermob	0.09	0.758	1

A significant test statistic provides evidence that the parallel regression assumption has been violated.

158 . * Passed proportional odds test
 159 . margins, atmeans at(countermob=(0 1))

Adjusted predictions Number of obs = 1,747
 Model VCE : OIM

1._predict : Pr(homedissat==1), predict(pr outcome(1))
 2._predict : Pr(homedissat==2), predict(pr outcome(2))
 3._predict : Pr(homedissat==3), predict(pr outcome(3))

1._at : newage = 45.57584 (mean)
 gender = .4436176 (mean)
 countermob = 0

2._at : newage = 45.57584 (mean)
 gender = .4436176 (mean)
 countermob = 1

predict# at	Margin	Std. Err.	z	P> z	[95% Conf. Interval]	
1 1	.2967731	.0110575	26.84	0.000	.2751008	.3184453
1 2	.0876387	.0318449	2.75	0.006	.0252238	.1500535
2 1	.229185	.0101543	22.57	0.000	.209283	.249087
2 2	.1139851	.0323261	3.53	0.000	.0506272	.1773431
3 1	.474042	.0121029	39.17	0.000	.4503207	.4977632
3 2	.7983762	.0637752	12.52	0.000	.6733791	.9233732

```
160 .
161 . * Drinking habits
162 . tab newdrinker oppcounter if EVA_vers=="yr2005", col chi
```

```
+-----+
| Key   |
+-----+
|       |
| frequency |
| column percentage |
+-----+
```

Drinker (binary)	Oppose revolution only or mobilize as counter-revolutionary		Total
	0	1	
Never or several time	314 55.38	14 36.84	328 54.21
Several times a month	253 44.62	24 63.16	277 45.79
Total	567 100.00	38 100.00	605 100.00

Pearson chi2(1) = 4.9300 Pr = 0.026

```
163 . tab newdrinker countermob if EVA_vers=="yr2005" & partic6~=5, col chi
```

```
+-----+
| Key   |
+-----+
|       |
| frequency |
| column percentage |
+-----+
```

Drinker (binary)	Partic in counter-revolutionary protests		Total
	no	yes	
Never or several time	607 53.15	14 36.84	621 52.63
Several times a month	535 46.85	24 63.16	559 47.37
Total	1,142 100.00	38 100.00	1,180 100.00

Pearson chi2(1) = 3.9242 Pr = 0.048

```
164 .
165 . * From Donbas
166 . logit donbas oppcounter if EVA_vers=="yr2005", or
```

```
Iteration 0: log likelihood = -404.61495
Iteration 1: log likelihood = -404.03109
Iteration 2: log likelihood = -404.03064
Iteration 3: log likelihood = -404.03064
```

```
Logistic regression              Number of obs   =    605
LR chi2(1)                       =    1.17
Prob > chi2                       =    0.2797
Log likelihood = -404.03064       Pseudo R2      =    0.0014
```

donbas	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]
oppcounter	1.440826	.4843576	1.09	0.277	.7455312 2.784563
cons	.6246418	.0539239	-5.45	0.000	.5274104 .7397984

```
167 . margins, atmeans at(oppcounter=(0 1))
```

```
Adjusted predictions              Number of obs   =    605
Model VCE      : OIM

Expression      : Pr(donbas), predict()

1._at          : oppcounter =    0
2._at          : oppcounter =    1
```

_at	Margin	Delta-method Std. Err.	z	P> z	[95% Conf. Interval]
1	.3844797	.0204299	18.82	0.000	.3444378 .4245216
2	.4736842	.0809983	5.85	0.000	.3149305 .6324379

168 . logit donbas countermob if EVA_vers=="yr2005", or

```
Iteration 0: log likelihood = -760.56439
Iteration 1: log likelihood = -752.90901
Iteration 2: log likelihood = -749.84918
Iteration 3: log likelihood = -749.82329
Iteration 4: log likelihood = -749.82329

Logistic regression                               Number of obs   =    1,747
                                                    LR chi2(1)      =     21.48
                                                    Prob > chi2     =     0.0000
Log likelihood = -749.82329                        Pseudo R2      =     0.0141
```

donbas	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]	
countermob	5.084825	1.687483	4.90	0.000	2.653327	9.744537
_cons	.1769972	.0119781	-25.59	0.000	.155011	.202102

169 . margins, atmeans at(countermob=(0 1))

```
Adjusted predictions                               Number of obs   =    1,747
Model VCE      : OIM

Expression    : Pr(donbas), predict()

1._at        : countermob      =          0
2._at        : countermob      =          1
```

	Margin	Delta-method Std. Err.	z	P> z	[95% Conf. Interval]	
1	.1503803	.0086464	17.39	0.000	.1334337	.167327
2	.4736842	.0809983	5.85	0.000	.3149305	.6324379

170 .
171 . * From Donbas--KIIS sample
172 . clear

173 . use mohyla.orangerev.dta

174 . logit donbas age gender i.demopartvote , or

```
Iteration 0: log likelihood = -869.07367
Iteration 1: log likelihood = -671.34165
Iteration 2: log likelihood = -639.81841
Iteration 3: log likelihood = -627.54476
Iteration 4: log likelihood = -627.38565
Iteration 5: log likelihood = -627.38508
Iteration 6: log likelihood = -627.38508

Logistic regression                               Number of obs   =    1,907
                                                    LR chi2(6)      =    483.38
                                                    Prob > chi2     =     0.0000
Log likelihood = -627.38508                        Pseudo R2      =     0.2781
```

donbas	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]	
age	1.00379	.0038856	0.98	0.328	.9962032	1.011434
gender	1.144877	.1647702	0.94	0.347	.8634839	1.517971
demopartvote						
Orange vote, no demo	.855573	.540694	-0.25	0.805	.247928	2.95249
No vote, no demo	4.183119	2.371996	2.52	0.012	1.376686	12.71059
Blue vote, no demo	32.2363	16.47335	6.80	0.000	11.84038	87.76572
Blue demo, vote	173.7334	97.42007	9.20	0.000	57.88639	521.4228
_cons	.0118303	.0063159	-8.31	0.000	.0041549	.0336845

175 . margins, atmeans at(demopartvote=(4 5))

```
Adjusted predictions                               Number of obs   =    1,907
Model VCE      : OIM

Expression    : Pr(donbas), predict()

1._at        : age              =    47.23755 (mean)
               gender          =    4.08495 (mean)
               demopartvote    =          4
2. at        : age              =    47.23755 (mean)
               gender          =    4.08495 (mean)
               demopartvote    =          5
```

	Margin	Delta-method Std. Err.	z	P> z	[95% Conf. Interval]	
1	.3251862	.0174584	18.63	0.000	.2909683	.3594041
2	.7219971	.0494535	14.60	0.000	.62507	.8189242

```
176 .
177 . * REVOLUTIONARY HELPERS IN ORANGE REVOLUTION
178 . clear
```

```
179 . use monitoring20052014engmerged.dta
180 . logit EVA250_3 gender newage ib(3).partic5a if EVA_vers=="yr2005", or
```

```
Iteration 0:  log likelihood = -885.99367
Iteration 1:  log likelihood = -860.20204
Iteration 2:  log likelihood = -859.45326
Iteration 3:  log likelihood = -859.4529
Iteration 4:  log likelihood = -859.4529

Logistic regression          Number of obs   =    1,747
                           LR chi2(6)             =     53.08
                           Prob > chi2           =     0.0000
Log likelihood = -859.4529   Pseudo R2       =     0.0300
```

EVA250_3	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]
gender	1.469671	.1781076	3.18	0.001	1.158949 1.863701
newage	.9846428	.0037078	-4.11	0.000	.9774024 .9919369
partic5a					
Part in rev	1.071123	.184725	0.40	0.690	.7639091 1.501885
Aid rev	2.397973	.6915162	3.03	0.002	1.362632 4.219974
Apathetic	.521793	.1345838	-2.52	0.012	.3147397 .8650575
Oppose rev	.7656081	.1113307	-1.84	0.066	.5757439 1.018084
cons	.4651524	.0978616	-3.64	0.000	.3079742 .7025484

```
181 . margins, atmeans at(partic5a=(1 2 3 4 5))
```

```
Adjusted predictions          Number of obs   =    1,747
Model VCE      : OIM

Expression      : Pr(EVA250_3), predict()

1._at          : gender          =   .4436176 (mean)
                  newage         =  45.57584 (mean)
                  partic5a       =              1

2._at          : gender          =   .4436176 (mean)
                  newage         =  45.57584 (mean)
                  partic5a       =              2

3._at          : gender          =   .4436176 (mean)
                  newage         =  45.57584 (mean)
                  partic5a       =              3

4._at          : gender          =   .4436176 (mean)
                  newage         =  45.57584 (mean)
                  partic5a       =              4

5._at          : gender          =   .4436176 (mean)
                  newage         =  45.57584 (mean)
                  partic5a       =              5
```

_at	Margin	Delta-method Std. Err.	z	P> z	[95% Conf. Interval]
1	.2259682	.0249623	9.05	0.000	.1770431 .2748934
2	.3952487	.064946	6.09	0.000	.2679568 .5225405
3	.2141775	.0163596	13.09	0.000	.1821133 .2462417
4	.1245086	.0260133	4.79	0.000	.0735236 .1754937
5	.172643	.0154655	11.16	0.000	.1423311 .2029548

```
182 . tttest newage if EVA_vers=="yr2005", by(particoraid)
```

```
Two-sample t test with equal variances

Group | Obs    Mean   Std. Err.   Std. Dev.   [95% Conf. Interval]
-----+-----
no   | 279   39.62724   .9122651   15.23783   37.83142   41.42306
yes  |  58   47.31034   2.122704   16.16603   43.0597    51.56099
-----+-----
combined | 337   40.94955   .8524382   15.64869   39.27277   42.62634

diff |          -7.683105   2.222345           -12.05461   -3.311595

diff = mean(no) - mean(yes)          t = -3.4572
Ho: diff = 0                          degrees of freedom = 335

Ha: diff < 0          Ha: diff != 0          Ha: diff > 0
Pr(T < t) = 0.0003    Pr(|T| > |t|) = 0.0006    Pr(T > t) = 0.9997
```

```

183 .
184 . * EGYPTIAN REVOLUTION
185 . clear

186 . use fullarabbarom2.dta

187 . * Egypt--social structural basis for support or opposition to revolution
188 . logit opposerev gender newage edlvl religscale christian farmer if country==2, or
    
```

```

Iteration 0: log likelihood = -487.94247
Iteration 1: log likelihood = -466.60471
Iteration 2: log likelihood = -465.6735
Iteration 3: log likelihood = -465.67162
Iteration 4: log likelihood = -465.67162
    
```

```

Logistic regression              Number of obs   =      1,125
                                LR chi2(6)        =       44.54
                                Prob > chi2         =       0.0000
Log likelihood = -465.67162     Pseudo R2       =       0.0456
    
```

	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]	
gender	.5973954	.111225	-2.77	0.006	.4147462	.8604811
newage	.9914594	.0065648	-1.30	0.195	.9786758	1.00441
edlvl	.8822322	.0438709	-2.52	0.012	.8003041	.9725474
religscale	.9229361	.0290818	-2.55	0.011	.8676612	.9817323
christian	2.139346	.6786935	2.40	0.017	1.148796	3.983999
farmer	2.0106	.5969767	2.35	0.019	1.123548	3.59799
cons	.8476021	.3044125	-0.46	0.645	.4192632	1.713552

```

189 .
190 . * Those who aided revolutionaries had friends who participated
191 . tab frpart egpartic5 if country==2 & egpartic5~1 & egpartic5~4 & egpartic5~5, col chi
    
```

```

+-----+
| Key |
+-----+
| frequency |
| column percentage |
+-----+
    
```

Did friends/ac quaintance s participat e in protests(q 806/905)?	Egypt:		
	Part/Aid/Support/Apat		Total
	h/Opnose	Aid	
no	5	637	642
	17.86	76.38	74.48
yes	23	197	220
	82.14	23.62	25.52
Total	28	834	862
	100.00	100.00	100.00

Pearson chi2(1) = 48.8099 Pr = 0.000

```

192 .
193 .
194 . * =====
195 . * DATA FOR FIGURE 7.3: GENDER DIFFERENCES, CONTROLLING FOR AGE
196 . * =====
197 . * Ukrainian revolutions
198 . clear
    
```

```

199 . use monitoring20052014engmerged.dta

200 . * Orange Revolution
201 . * By gender
202 . mlogit partic5a gender newage if EVA_vers=="yr2005", rrr b(3)
    
```

```

Iteration 0: log likelihood = -2367.5224
Iteration 1: log likelihood = -2322.5232
Iteration 2: log likelihood = -2321.7178
Iteration 3: log likelihood = -2321.7173
Iteration 4: log likelihood = -2321.7173
    
```

```

Multinomial logistic regression              Number of obs   =      1,747
                                              LR chi2(8)        =       91.61
                                              Prob > chi2         =       0.0000
Log likelihood = -2321.7173     Pseudo R2       =       0.0193
    
```

	RRR	Std. Err.	z	P> z	[95% Conf. Interval]	
Part_in_rev						
gender	1.512605	.2217658	2.82	0.005	1.134826	2.016145
newage	.9681941	.0044208	-7.08	0.000	.9595681	.9768976
_cons	1.453275	.3246018	1.67	0.094	.9380463	2.251496
Aid_rev						
gender	1.34187	.3698615	1.07	0.286	.7817947	2.303183
newage	.9962151	.0082382	-0.46	0.647	.9801987	1.012493
_cons	.093292	.0418648	-5.29	0.000	.038714	.2248128

```

Support_rev | (base outcome)
-----|-----
Apathetic |
gender |      .77328      .1438354     -1.38    0.167      .537041     1.113438
newage |     .9679722     .0054693     -5.76    0.000      .9573118     .9787514
_cons |     1.105985     .2950158      0.38    0.706      .655686     1.865533
-----|-----
Oppose_rev |
gender |     .9842088     .1131177     -0.14    0.890      .7856995     1.232872
newage |     .9918905     .0033712     -2.40    0.017      .985305     .9985201
_cons |     1.377177     .2504611      1.76    0.078      .9642411     1.966954
-----|-----

```

```
203 . margins, atmeans at(gender=(0 1))
```

```

Adjusted predictions                Number of obs   =       1,747
Model VCE      : OIM

1._predict  : Pr(partic5a==Part in rev), predict(pr outcome(1))
2._predict  : Pr(partic5a==Aid rev), predict(pr outcome(2))
3._predict  : Pr(partic5a==Support rev), predict(pr outcome(3))
4._predict  : Pr(partic5a==Apathetic), predict(pr outcome(4))
5._predict  : Pr(partic5a==Oppose_rev), predict(pr outcome(5))

1._at      : gender   =            0
              newage  =      45.57584 (mean)

2._at      : gender   =            1
              newage  =      45.57584 (mean)

```

```

-----|-----
|               Delta-method
|         Margin  Std. Err.      z    P>|z|    [95% Conf. Interval]
-----|-----
predict# at |
1 1 |     .1274939    .0109023    11.69  0.000    .1061259    .1488862
1 2 |     .1839957    .014186     12.97  0.000    .1561916    .2117998
2 1 |     .0300402    .0055505     5.41  0.000    .0191614    .040919
2 2 |     .0384597    .0070038     5.49  0.000    .0247324    .052187
3 1 |     .3827512    .0158964    24.08  0.000    .3515949    .4139076
3 2 |     .3651819    .0176061    20.74  0.000    .3306745    .3996892
4 1 |     .0960186    .0096571     9.94  0.000    .0770911    .1149461
4 2 |     .070841     .0092487     7.66  0.000    .0527139    .0889681
5 1 |     .3636961    .0156603    23.22  0.000    .3330024    .3943897
5 2 |     .3415218    .0172634    19.78  0.000    .3076862    .3753574
-----|-----

```

```

204 . * Average probability for all
205 . tab partic5a if EVA_vers=="yr2005" & e(sample)

```

```

Part/Aid/Su |
pport/Apath |
etic/Oppose |
-----|-----
Freq.      Percent     Cum.
-----|-----
Part in rev |      279      15.97     15.97
Aid rev     |        58       3.32     19.29
Support rev |      651      37.26     56.55
Apathetic   |      154       8.82     65.37
Oppose_rev  |      605      34.63    100.00
-----|-----
Total |      1,747    100.00

```

```

206 . * Euromaidan
207 . * By gender
208 . mlogit partic5a gender newage if EVA_vers=="yr2014", rrr b(3)

```

```

Iteration 0: log likelihood = -2440.8253
Iteration 1: log likelihood = -2423.6789
Iteration 2: log likelihood = -2423.3628
Iteration 3: log likelihood = -2423.3626

```

```

Multinomial logistic regression                Number of obs   =       1,752
LR chi2(8)                                    =          34.93
Prob > chi2                                    =          0.0000
Pseudo R2                                     =          0.0072
Log likelihood = -2423.3626

```

```

-----|-----
partic5a |      RRR  Std. Err.      z    P>|z|    [95% Conf. Interval]
-----|-----
Part in rev |
gender |     1.639532    .3067083     2.64  0.008     1.13628     2.365673
newage |     .9832662    .0057941     -2.86  0.004     .9719754     .9946883
_cons |     .3195324    .0944488     -3.86  0.000     .1790247     .5703176
-----|-----
Aid_rev |
gender |     1.003189    .1894936     0.02  0.987     .6927841     1.452671
newage |     .9914343    .0058389     -1.46  0.144     .980056     1.002945
_cons |     .2744691    .0821617     -4.32  0.000     .152647     .493513
-----|-----
Support_rev | (base outcome)
-----|-----
Apathetic |
gender |     .6148711    .0975284    -3.07  0.002     .4505779     .8390702
newage |     .9951647    .0047234    -1.02  0.307     .9859499     1.004465
_cons |     .4777718    .1158272    -3.05  0.002     .2970722     .7683854
-----|-----
Oppose_rev |
gender |     .8609188    .1001948    -1.29  0.198     .6853277     1.081499
newage |     1.000196    .0035717     0.05  0.956     .9932199     1.007221
_cons |     .7606943    .1424428    -1.46  0.144     .5270108     1.097996
-----|-----

```

209 . margins, atmeans at(gender=(0 1))

Adjusted predictions Number of obs = 1,752
Model VCE : OIM
1. _predict : Pr(partic5a==Part_in_rev), predict(pr outcome(1))
2. _predict : Pr(partic5a==Aid_rev), predict(pr outcome(2))
3. _predict : Pr(partic5a==Support_rev), predict(pr outcome(3))
4. _predict : Pr(partic5a==Apathetic), predict(pr outcome(4))
5. _predict : Pr(partic5a==Oppose_rev), predict(pr outcome(5))
1. at : gender = 0
 newage = 45.76998 (mean)
2. _at : gender = 1
 newage = 45.76998 (mean)

		Delta-method				
	Margin	Std. Err.	z	P> z	[95% Conf. Interval]	

predict#	at					
1	1	.0594426	.0076122	7.81	0.000	.044523 .0743621
1	2	.1041331	.0110446	9.43	0.000	.0824861 .1257801
2	1	.0745621	.0084553	8.82	0.000	.0579901 .0911342
2	2	.079923	.0097535	8.19	0.000	.0608065 .0990395
3	1	.4027402	.0157939	25.50	0.000	.3717848 .4336956
3	2	.4303245	.0178263	24.14	0.000	.3953857 .4652633
4	1	.1541335	.0116236	13.26	0.000	.1313516 .1769154
4	2	.1012633	.0108424	9.34	0.000	.0800126 .1225141
5	1	.3091215	.0148821	20.77	0.000	.2799532 .3382899
5	2	.2843561	.0162365	17.51	0.000	.252533 .3161791

210 . * Average probability for all
211 . tab partic5a if EVA_vers=="yr2014" & e(sample)

	Freq.	Percent	Cum.
Part in rev	143	8.16	8.16
Aid rev	135	7.71	15.87
Support rev	725	41.38	57.25
Apathetic	228	13.01	70.26
Oppose rev	521	29.74	100.00

Total	1,752	100.00	

212 . * Egyptian and Tunisian revolutions
213 . clear

214 . use fullarabbarom2.dta

215 . * Egyptian Revolution

216 . * By gender

217 . mlogit egpartic5 gender newage if country==2 [pw=WT], rrr b(3)

Iteration 0: log pseudolikelihood = -1209.7412
Iteration 1: log pseudolikelihood = -1188.8705
Iteration 2: log pseudolikelihood = -1187.7773
Iteration 3: log pseudolikelihood = -1187.7736
Iteration 4: log pseudolikelihood = -1187.7736

Multinomial logistic regression Number of obs = 1,211
 Wald chi2(8) = 39.63
 Prob > chi2 = 0.0000
Log pseudolikelihood = -1187.7736 Pseudo R2 = 0.0182

	RRR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
--	-----	------------------	---	------	----------------------	--

egpartic5						
Participate						
gender	3.320797	.8659358	4.60	0.000	1.991965	5.536086
newage	.982873	.0077134	-2.20	0.028	.9678707	.9981078
_cons	.0951448	.0347741	-6.44	0.000	.0464818	.1947543

Aid						
gender	1.257613	.4998654	0.58	0.564	.5770571	2.740788
newage	1.007537	.0121605	0.62	0.534	.9839826	1.031655
_cons	.0218605	.0117059	-7.14	0.000	.0076535	.0624399

Support (base outcome)						

Apathetic						
gender	.9890779	.2360932	-0.05	0.963	.6195102	1.579111
newage	1.012606	.0083682	1.52	0.130	.9963364	1.02914
_cons	.0578094	.0216122	-7.62	0.000	.0277827	.120288

Oppose						
gender	.6592923	.1137342	-2.41	0.016	.4701512	.9245245
newage	.9935078	.0063916	-1.01	0.311	.9810591	1.006114
_cons	.3317587	.0876348	-4.18	0.000	.1976858	.5567613

218 . margins, atmeans at(gender=(0 1))

```

Adjusted predictions      Number of obs   =      1,211
Model VCE      : Robust

1._predict   : Pr(egpartic5==Participate), predict(pr outcome(1))
2._predict   : Pr(egpartic5==Aid), predict(pr outcome(2))
3._predict   : Pr(egpartic5==Support), predict(pr outcome(3))
4._predict   : Pr(egpartic5==Apathetic), predict(pr outcome(4))
5._predict   : Pr(egpartic5==Oppose), predict(pr outcome(5))

1._at        : gender      =      0
               newage      =      37.88005 (mean)

2._at        : gender      =      1
               newage      =      37.88005 (mean)
    
```

		Margin	Delta-method Std. Err.	z	P> z	[95% Conf. Interval]	
predict#	at						
1	1	.0345665	.0073429	4.71	0.000	.0201747	.0489584
1	2	.1122065	.0131613	8.53	0.000	.0864109	.1380021
2	1	.0203076	.0056071	3.62	0.000	.0093178	.0312973
2	2	.0249646	.0068244	3.66	0.000	.011589	.0383402
3	1	.6989884	.0189377	36.91	0.000	.6618712	.7361055
3	2	.6832661	.0195569	34.94	0.000	.6449352	.7215969
4	1	.0649453	.0101199	6.42	0.000	.0451108	.0847799
4	2	.0627911	.0101369	6.19	0.000	.0429231	.0826592
5	1	.1811922	.0160575	11.28	0.000	.1497201	.2126644
5	2	.1167717	.0133972	8.72	0.000	.0905136	.1430297

219 . * Average probability for all
220 . tab egpartic5 if country==2 & e(sample)

	Freq.	Percent	Cum.
Egypt:			
Part/Aid/Su			
pport/Apath			
/Oppose			
Participate	90	7.43	7.43
Aid	28	2.31	9.74
Support	834	68.87	78.61
Apathetic	82	6.77	85.38
Oppose	177	14.62	100.00
Total	1,211	100.00	

221 . * Tunisian Revolution
222 . * By gender
223 . mlogit tpartic4 gender newage if country==10 [pw=WT], rrr b(2)

```

Iteration 0: log pseudolikelihood = -1029.9264
Iteration 1: log pseudolikelihood = -967.59851
Iteration 2: log pseudolikelihood = -961.90516
Iteration 3: log pseudolikelihood = -961.8796
Iteration 4: log pseudolikelihood = -961.8796
    
```

```

Multinomial logistic regression      Number of obs   =      1,154
                                      Wald chi2(6)      =      109.34
                                      Prob > chi2      =      0.0000
Log pseudolikelihood = -961.8796     Pseudo R2       =      0.0661
    
```

		RRR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
tpartic4							
Participate							
gender		5.467714	1.123444	8.27	0.000	3.655195	8.179017
newage		.9597035	.0064786	-6.09	0.000	.9470892	.9724858
_cons		.3283564	.0956102	-3.82	0.000	.1855643	.5810274
Support	(base outcome)						
Apathetic_inactive							
gender		.9224881	.1777737	-0.42	0.675	.6323024	1.34585
newage		.9941307	.0061716	-0.95	0.343	.9821078	1.006301
_cons		.2122113	.0552084	-5.96	0.000	.1274447	.353358
Oppose							
gender		2.398876	.8384881	2.50	0.012	1.209161	4.759172
newage		.9664263	.0142134	-2.32	0.020	.9389662	.9946895
_cons		.1083736	.0556823	-4.32	0.000	.0395892	.2966676

224 . margins, atmeans at(gender=(0 1))

```

Adjusted predictions      Number of obs   =      1,154
Model VCE      : Robust

1._predict   : Pr(tpartic4==Participate), predict(pr outcome(1))
2._predict   : Pr(tpartic4==Support), predict(pr outcome(2))
3._predict   : Pr(tpartic4==Apathetic_inactive), predict(pr outcome(3))
4._predict   : Pr(tpartic4==Oppose), predict(pr outcome(4))

1._at        : gender      =      0
               newage      =      39.67621 (mean)
    
```


246 . tab partic5a if EVA_vers=="yr2014" & e(sample)

Part/Aid/Su ppport/Apath etic/Oppose	Freq.	Percent	Cum.
Part in rev	143	8.16	8.16
Aid rev	135	7.71	15.87
Support rev	725	41.38	57.25
Apathetic	228	13.01	70.26
Oppose rev	521	29.74	100.00
Total	1,752	100.00	

247 . * Egyptian and Tunisian revolutions

248 . clear

249 . use fullarabbarom2.dta

250 . * Egyptian Revolution

251 . * By age

252 . mlogit egpartic5 gender newagelvl if country==2 [pw=WT], rrr b(3)

Iteration 0: log pseudolikelihood = -1209.7412
 Iteration 1: log pseudolikelihood = -1189.1128
 Iteration 2: log pseudolikelihood = -1188.0591
 Iteration 3: log pseudolikelihood = -1188.0555
 Iteration 4: log pseudolikelihood = -1188.0555

Multinomial logistic regression Number of obs = 1,211
 Wald chi2(8) = 38.75
 Prob > chi2 = 0.0000
 Log pseudolikelihood = -1188.0555 Pseudo R2 = 0.0179

egpartic5	RRR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
Participate						
gender	3.328509	.8681457	4.61	0.000	1.996358	5.549593
newagelvl	.8519032	.0659233	-2.07	0.038	.732017	.9914237
_cons	.0764272	.0229705	-8.56	0.000	.0424049	.1377462
Aid						
gender	1.258264	.501431	0.58	0.564	.5761814	2.747794
newagelvl	1.066908	.1366594	0.51	0.613	.8300369	1.371377
_cons	.0244231	.0107152	-8.46	0.000	.0103359	.0577101
Support (base outcome)						
Apathetic						
gender	.9879688	.2356864	-0.05	0.960	.6189899	1.576895
newagelvl	1.131267	.0963583	1.45	0.148	.9573305	1.336805
_cons	.0666599	.0202493	-8.92	0.000	.0367532	.1209021
Oppose						
gender	.6605158	.113997	-2.40	0.016	.4709515	.9263822
newagelvl	.9309262	.0598793	-1.11	0.266	.8206614	1.056006
_cons	.3140264	.0633734	-5.74	0.000	.2114394	.4663871

253 . margins, atmeans at(newagelvl=(1 2 3 4 5 6))

Adjusted predictions Number of obs = 1,211
 Model VCE : Robust

1._predict : Pr(egpartic5==Participate), predict(pr outcome(1))
 2._predict : Pr(egpartic5==Aid), predict(pr outcome(2))
 3._predict : Pr(egpartic5==Support), predict(pr outcome(3))
 4._predict : Pr(egpartic5==Apathetic), predict(pr outcome(4))
 5._predict : Pr(egpartic5==Oppose), predict(pr outcome(5))

1._at : gender = .5082399 (mean)
 : newagelvl = 1

2._at : gender = .5082399 (mean)
 : newagelvl = 2

3._at : gender = .5082399 (mean)
 : newagelvl = 3

4._at : gender = .5082399 (mean)
 : newagelvl = 4

5._at : gender = .5082399 (mean)
 : newagelvl = 5

6._at : gender = .5082399 (mean)
 : newagelvl = 6

	4.35	1.45	68.12	10.14	15.94	100.00
>=66	1	0	12	2	4	19
	5.26	0.00	63.16	10.53	21.05	100.00
Total	31	13	495	43	113	695
	4.46	1.87	71.22	6.19	16.26	100.00

264 . tab newagelvl egpartic5 if country==2 & urban==1, row

```

+-----+
| Key |
+-----+
| frequency |
| row percentage |
+-----+

Age levels |
(as in |
Ukraine |
data) |
Egypt: Part/Aid/Support/Apath/Oppose |
Participa | Aid | Support | Apathetic | Oppose | Total |
-----+-----+-----+-----+-----+-----+-----+
<=25 | 9 | 1 | 50 | 7 | 6 | 73 |
| 12.33 | 1.37 | 68.49 | 9.59 | 8.22 | 100.00 |
-----+-----+-----+-----+-----+-----+-----+
26-35 | 18 | 4 | 98 | 9 | 24 | 153 |
| 11.76 | 2.61 | 64.05 | 5.88 | 15.69 | 100.00 |
-----+-----+-----+-----+-----+-----+-----+
36-45 | 17 | 3 | 70 | 5 | 17 | 112 |
| 15.18 | 2.68 | 62.50 | 4.46 | 15.18 | 100.00 |
-----+-----+-----+-----+-----+-----+-----+
46-55 | 12 | 5 | 57 | 9 | 6 | 89 |
| 13.48 | 5.62 | 64.04 | 10.11 | 6.74 | 100.00 |
-----+-----+-----+-----+-----+-----+-----+
56-65 | 3 | 1 | 42 | 6 | 9 | 61 |
| 4.92 | 1.64 | 68.85 | 9.84 | 14.75 | 100.00 |
-----+-----+-----+-----+-----+-----+-----+
>=66 | 0 | 1 | 22 | 3 | 2 | 28 |
| 0.00 | 3.57 | 78.57 | 10.71 | 7.14 | 100.00 |
-----+-----+-----+-----+-----+-----+-----+
Total | 59 | 15 | 339 | 39 | 64 | 516 |
| 11.43 | 2.91 | 65.70 | 7.56 | 12.40 | 100.00 |

```

```

265 .
266 . * =====
267 . * DATA FOR FIGURE 7.5: OCCUPATION OF REV PARTICIPANTS
268 . * =====
269 . * Ukrainian revolutions
270 . * Figure 7.5
271 . clear

```

272 . use monitoring20052014engmerged.dta

273 . tab EVA266 partic5a if EVA_vers=="yr2005", col m

```

+-----+
| Key |
+-----+
| frequency |
| column percentage |
+-----+

Occupation | Part in r | Part/Aid/Support/Apathetic/Oppose |
| | Aid rev | Support r | Apathetic | Oppose re | . | Total |
-----+-----+-----+-----+-----+-----+-----+
Professional politici | 0 | 0 | 0 | 0 | 2 | 0 | 2 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.33 | 0.00 | 0.11 |
-----+-----+-----+-----+-----+-----+-----+
Enterprise director | 1 | 0 | 3 | 0 | 4 | 0 | 8 |
| 0.36 | 0.00 | 0.46 | 0.00 | 0.66 | 0.00 | 0.44 |
-----+-----+-----+-----+-----+-----+-----+
Employee of state app | 1 | 0 | 7 | 0 | 6 | 0 | 14 |
| 0.36 | 0.00 | 1.08 | 0.00 | 0.99 | 0.00 | 0.78 |
-----+-----+-----+-----+-----+-----+-----+
Technical specialist | 18 | 3 | 28 | 8 | 37 | 3 | 97 |
| 6.45 | 5.17 | 4.30 | 5.19 | 6.12 | 5.66 | 5.39 |
-----+-----+-----+-----+-----+-----+-----+
Specialist in science | 24 | 5 | 36 | 7 | 28 | 5 | 105 |
| 8.60 | 8.62 | 5.53 | 4.55 | 4.63 | 9.43 | 5.83 |
-----+-----+-----+-----+-----+-----+-----+
Policeman or soldier | 1 | 0 | 7 | 1 | 7 | 1 | 17 |
| 0.36 | 0.00 | 1.08 | 0.65 | 1.16 | 1.89 | 0.94 |
-----+-----+-----+-----+-----+-----+-----+
Entrepreneur of big/m | 6 | 0 | 3 | 1 | 4 | 0 | 14 |
| 2.15 | 0.00 | 0.46 | 0.65 | 0.66 | 0.00 | 0.78 |
-----+-----+-----+-----+-----+-----+-----+
Engages in small busi | 13 | 3 | 17 | 5 | 21 | 1 | 60 |
| 4.66 | 5.17 | 2.61 | 3.25 | 3.47 | 1.89 | 3.33 |
-----+-----+-----+-----+-----+-----+-----+
Office staff assistan | 20 | 3 | 44 | 16 | 42 | 6 | 131 |
| 7.17 | 5.17 | 6.76 | 10.39 | 6.94 | 11.32 | 7.28 |
-----+-----+-----+-----+-----+-----+-----+
Skilled worker | 51 | 10 | 83 | 23 | 111 | 6 | 284 |
| 18.28 | 17.24 | 12.75 | 14.94 | 18.35 | 11.32 | 15.78 |
-----+-----+-----+-----+-----+-----+-----+
Unskilled worker | 15 | 3 | 34 | 8 | 39 | 2 | 101 |
| 5.38 | 5.17 | 5.22 | 5.19 | 6.45 | 3.77 | 5.61 |
-----+-----+-----+-----+-----+-----+-----+
Employee of agric ent | 8 | 3 | 17 | 5 | 8 | 0 | 41 |

```

	2.87	5.17	2.61	3.25	1.32	0.00	2.28
Farmer	2	1	1	0	1	0	5
	0.72	1.72	0.15	0.00	0.17	0.00	0.28
Student or grad stude	25	0	14	9	21	3	72
	8.96	0.00	2.15	5.84	3.47	5.66	4.00
Non-working pensioner	48	14	223	33	185	17	520
	17.20	24.14	34.25	21.43	30.58	32.08	28.89
Housewife	9	6	39	16	29	4	103
	3.23	10.34	5.99	10.39	4.79	7.55	5.72
Occasional work here	18	2	33	8	28	1	90
	6.45	3.45	5.07	5.19	4.63	1.89	5.00
Do not work, no incom	6	2	25	4	14	0	51
	2.15	3.45	3.84	2.60	2.31	0.00	2.83
Registered as unemplo	7	0	18	7	3	1	36
	2.51	0.00	2.76	4.55	0.50	1.89	2.00
Other	3	1	8	0	10	1	23
	1.08	1.72	1.23	0.00	1.65	1.89	1.28
Hard to say	0	1	7	0	1	0	9
	0.00	1.72	1.08	0.00	0.17	0.00	0.50
.	3	1	4	3	4	2	17
	1.08	1.72	0.61	1.95	0.66	3.77	0.94
Total	279	58	651	154	605	53	1,800
	100.00	100.00	100.00	100.00	100.00	100.00	100.00

274 . tab EVA266 partic5a if EVA_vers=="yr2014", col m

```

+-----+
| Key      |
+-----+
|         frequency         |
|         column percentage |
+-----+

```

Occupation	Part in r	Part/Aid/Support/Apathetic/Oppose				Total
		Aid rev	Support r	Apathetic	Oppose re	
Professional politici	0	0	0	1	0	1
	0.00	0.00	0.00	0.44	0.00	0.00
Enterprise director	1	3	6	5	4	19
	0.70	2.22	0.83	2.19	0.77	1.06
Employee of state app	3	2	3	1	10	20
	2.10	1.48	0.41	0.44	1.92	2.08
Technical specialist	17	16	51	22	27	137
	11.89	11.85	7.03	9.65	5.18	8.33
Specialist in science	13	15	37	14	33	116
	9.09	11.11	5.10	6.14	6.33	8.33
Policeman or soldier	1	0	3	1	0	5
	0.70	0.00	0.41	0.44	0.00	0.00
Entrepreneur of big/m	1	5	5	2	5	18
	0.70	3.70	0.69	0.88	0.96	0.00
Engages in small busi	13	8	26	4	14	66
	9.09	5.93	3.59	1.75	2.69	2.08
Office staff assistan	2	7	40	12	41	105
	1.40	5.19	5.52	5.26	7.87	6.25
Skilled worker	28	19	95	27	89	266
	19.58	14.07	13.10	11.84	17.08	16.67
Unskilled worker	8	2	51	17	34	114
	5.59	1.48	7.03	7.46	6.53	4.17
Employee of agric ent	3	2	14	1	7	27
	2.10	1.48	1.93	0.44	1.34	0.00
Farmer	1	2	2	0	0	5
	0.70	1.48	0.28	0.00	0.00	0.00
Student or grad stude	6	2	20	6	11	45
	4.20	1.48	2.76	2.63	2.11	0.00
Non-working pensioner	21	22	191	56	143	445
	14.69	16.30	26.34	24.56	27.45	25.00
Housewife	3	6	51	13	26	104
	2.10	4.44	7.03	5.70	4.99	10.42
Occasional work here	13	9	49	17	31	120
	9.09	6.67	6.76	7.46	5.95	2.08
Do not work, no incom	5	7	24	9	15	61
	3.50	5.19	3.31	3.95	2.88	2.08

Registered as unemplo	0	0	14	2	10	2	28
	0.00	0.00	1.93	0.88	1.92	4.17	1.56
Other	3	7	23	7	13	2	55
	2.10	5.19	3.17	3.07	2.50	4.17	3.06
Hard to say	1	1	13	6	6	1	28
	0.70	0.74	1.79	2.63	1.15	2.08	1.56
.	0	0	7	5	2	1	15
	0.00	0.00	0.97	2.19	0.38	2.08	0.83
Total	143	135	725	228	521	48	1,800
	100.00	100.00	100.00	100.00	100.00	100.00	100.00

275 . * Statistical overrepresentation of groups
276 . * Orange
277 . logit newpartica 5.EVA266 if EVA_vers=="yr2005", nolog or

Logistic regression Number of obs = 1,783
 LR chi2(1) = 4.12
 Prob > chi2 = 0.0425
Log likelihood = -767.99905 Pseudo R2 = 0.0027

	newpartica	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]
EVA266						
Specialist in science/culture/health/educ	1.668864	.4042188	2.11	0.034	1.038125	2.682824
_cons	.1775439	.0121125	-25.34	0.000	.1553225	.2029443

278 . logit newpartica 10.EVA266 if EVA_vers=="yr2005", nolog or

Logistic regression Number of obs = 1,783
 LR chi2(1) = 1.46
 Prob > chi2 = 0.2265
Log likelihood = -769.32588 Pseudo R2 = 0.0009

	newpartica	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]
EVA266						
Skilled worker	1.232918	.2103563	1.23	0.220	.8824805	1.722516
_cons	.1775334	.0128148	-23.95	0.000	.1541126	.2045135

279 . logit newpartica 14.EVA266 if EVA_vers=="yr2005", nolog or

Logistic regression Number of obs = 1,783
 LR chi2(1) = 16.85
 Prob > chi2 = 0.0000
Log likelihood = -761.63067 Pseudo R2 = 0.0109

	newpartica	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]
EVA266						
Student or grad student	3.079618	.7907501	4.38	0.000	1.861808	5.094
_cons	.172721	.0117826	-25.74	0.000	.1511048	.1974296

280 . * Euromaidan
281 . logit newpartica 4.EVA266 if EVA_vers=="yr2014", nolog or

Logistic regression Number of obs = 1,785
 LR chi2(1) = 2.34
 Prob > chi2 = 0.1259
Log likelihood = -525.67629 Pseudo R2 = 0.0022

	newpartica	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]
EVA266						
Technical specialist	1.550123	.4247037	1.60	0.110	.9060524	2.652033
_cons	.0913907	.0081274	-26.90	0.000	.0767723	.1087927

282 . logit newpartica 5.EVA266 if EVA_vers=="yr2014", nolog or

Logistic regression Number of obs = 1,785
 LR chi2(1) = 1.63
 Prob > chi2 = 0.2019
Log likelihood = -526.03331 Pseudo R2 = 0.0015

	newpartica	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]
EVA266						
Specialist in science/culture/health/educ	1.487416	.4436867	1.33	0.183	.8289425	2.66895
_cons	.0922775	.0081218	-27.07	0.000	.0776564	.1096514

283 . logit newpartica 8.EVA266 if EVA_vers=="yr2014", nolog or

Logistic regression Number of obs = 1,785
 LR chi2(1) = 10.17
 Prob > chi2 = 0.0014
 Pseudo R2 = 0.0097

newpartica	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]
EVA266					
Engages in small business	3.013094	.9450997	3.52	0.000	1.629375 5.57191
cons	.0893536	.0078539	-27.48	0.000	.0752132 .1061525

284 . logit newpartica 10.EVA266 if EVA_vers=="yr2014", nolog or

Logistic regression Number of obs = 1,785
 LR chi2(1) = 4.06
 Prob > chi2 = 0.0439
 Pseudo R2 = 0.0039

newpartica	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]
EVA266					
Skilled worker	1.552082	.3269331	2.09	0.037	1.027108 2.34538
cons	.0881089	.0082871	-25.83	0.000	.0732756 .1059448

285 . *
 286 . * Egyptian and Tunisian revolutions
 287 . * Future 7.5
 288 . clear

289 . use fullarabbarom2.dta

290 . tab occdisag egartic5 if country==2, col m

```

+-----+
| Key                |
+-----+
| frequency          |
| column percentage  |
+-----+

```

Original AB occupations w/ nonempl (created from q1007,q1005)	Participa	Egypt: Aid	Part/Aid/Support/Apath/Oppose Support	Apathetic	Oppose	.	Total
Empl/yr/dir. of instit	4 4.44	1 3.57	13 1.56	1 1.22	5 2.82	1 12.50	25 2.05
Professional (lwyr, a	14 15.56	0 0.00	38 4.56	0 0.00	12 6.78	0 0.00	64 5.25
Manual laborer	4 4.44	1 3.57	43 5.16	8 9.76	11 6.21	0 0.00	67 5.50
Agricultural worker/O	5 5.56	1 3.57	62 7.43	3 3.66	21 11.86	1 12.50	93 7.63
Member of the armed f	1 1.11	0 0.00	3 0.36	0 0.00	0 0.00	0 0.00	4 0.33
Owner of a shop/groce	4 4.44	2 7.14	22 2.64	2 2.44	7 3.95	0 0.00	37 3.04
Government employee	20 22.22	7 25.00	108 12.95	9 10.98	6 3.39	2 25.00	152 12.47
Private sector employ	11 12.22	2 7.14	42 5.04	5 6.10	5 2.82	0 0.00	65 5.33
Craftsperson	4 4.44	3 10.71	38 4.56	6 7.32	7 3.95	1 12.50	59 4.84
Retired	3 3.33	2 7.14	59 7.07	7 8.54	7 3.95	0 0.00	78 6.40
Housewife	12 13.33	8 28.57	324 38.85	34 41.46	86 48.59	3 37.50	467 38.31
Student	3 3.33	1 3.57	31 3.72	2 2.44	2 1.13	0 0.00	39 3.20
Unemployed	5 5.56	0 0.00	47 5.64	5 6.10	7 3.95	0 0.00	64 5.25
.	0 0.00	0 0.00	4 0.48	0 0.00	1 0.56	0 0.00	5 0.41
Total	90 100.00	28 100.00	834 100.00	82 100.00	177 100.00	8 100.00	1,219 100.00

291 . tab occdisag tpartic4 if country==10, col m

```

+-----+
| Key |
+-----+
| frequency |
| column percentage |
+-----+

```

Original AB occupations w/ nonempl (created from q1007,q1005)	Tunisia: Part/Supp/Apath,Inact/Oppose					Total
	Participa	Support	Apathetic	Oppose	.	
Empl/yr/dir. of instit	10 5.85	8 0.99	3 2.27	0 0.00	0 0.00	21 1.76
Professional (lwyr, a	8 4.68	27 3.33	4 3.03	1 2.56	1 2.38	41 3.43
Manual laborer	17 9.94	84 10.34	14 10.61	4 10.26	6 14.29	125 10.45
Agricultural worker/O	1 0.58	17 2.09	1 0.76	1 2.56	0 0.00	20 1.67
Member of the armed f	0 0.00	8 0.99	3 2.27	2 5.13	1 2.38	14 1.17
Owner of a shop/groce	10 5.85	56 6.90	6 4.55	0 0.00	5 11.90	77 6.44
Government employee	22 12.87	42 5.17	10 7.58	1 2.56	2 4.76	77 6.44
Private sector employ	15 8.77	56 6.90	10 7.58	2 5.13	0 0.00	83 6.94
Craftsperson	10 5.85	24 2.96	3 2.27	3 7.69	1 2.38	41 3.43
Retired	6 3.51	62 7.64	5 3.79	2 5.13	0 0.00	75 6.27
Housewife	6 3.51	242 29.80	36 27.27	7 17.95	11 26.19	302 25.25
Student	31 18.13	56 6.90	6 4.55	7 17.95	2 4.76	102 8.53
Unemployed	33 19.30	126 15.52	29 21.97	9 23.08	13 30.95	210 17.56
.	2 1.17	4 0.49	2 1.52	0 0.00	0 0.00	8 0.67
Total	171 100.00	812 100.00	132 100.00	39 100.00	42 100.00	1,196 100.00

292 . * Statistical overrepresentation of groups
 293 . * Tunisia
 294 . logit participate 13.occdisag if country==10 [pw=WT], nolog or

```

Logistic regression      Number of obs   =    1,188
                        Wald chi2(1)        =     30.68
                        Prob > chi2       =     0.0000
Log pseudolikelihood = -508.89667      Pseudo R2       =     0.0276

```

participate	Odds Ratio	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
occdisag						
Student	3.490662	.7878521	5.54	0.000	2.242793	5.432832
_cons	.1637135	.0143571	-20.64	0.000	.1378597	.1944159

295 . logit participate 8.occdisag if country==10 [pw=WT], nolog or

```

Logistic regression      Number of obs   =    1,188
                        Wald chi2(1)        =     10.39
                        Prob > chi2       =     0.0013
Log pseudolikelihood = -518.76328      Pseudo R2       =     0.0088

```

participate	Odds Ratio	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
occdisag						
Government employee	2.350803	.6233183	3.22	0.001	1.398039	3.952878
_cons	.1785417	.0150953	-20.38	0.000	.1512768	.2107206

296 . logit participate 1.occdisag if country==10 [pw=WT], nolog or

Logistic regression Number of obs = 1,188
 Wald chi2(1) = 12.91
 Prob > chi2 = 0.0003
 Log pseudolikelihood = -517.89939 Pseudo R2 = 0.0104

	participate	Odds Ratio	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
	occdisag						
Emplyr/dir. of institution		4.979434	2.225147	3.59	0.000	2.073986	11.95513
_cons		.1838044	.0150088	-20.74	0.000	.1566209	.215706

297 . logit participate 10.occdisag if country==10 [pw=WT], nolog or

Logistic regression Number of obs = 1,188
 Wald chi2(1) = 5.60
 Prob > chi2 = 0.0180
 Log pseudolikelihood = -520.86373 Pseudo R2 = 0.0048

	participate	Odds Ratio	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
	occdisag						
Craftsperson		2.315447	.821691	2.37	0.018	1.154957	4.641986
_cons		.1844415	.0151558	-20.57	0.000	.1570053	.2166721

298 . logit participate 14.occdisag if country==10 [pw=WT], nolog or

Logistic regression Number of obs = 1,188
 Wald chi2(1) = 2.55
 Prob > chi2 = 0.1103
 Log pseudolikelihood = -522.11021 Pseudo R2 = 0.0024

	participate	Odds Ratio	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
	occdisag						
Unemployed		1.370196	.2702587	1.60	0.110	.9308739	2.016854
_cons		.1800521	.016135	-19.13	0.000	.1510495	.2146234

299 . mlogit tpartic4 14.occdisag if country==10 [pw=WT], nolog rrr

Multinomial logistic regression Number of obs = 1,146
 Wald chi2(3) = 4.45
 Prob > chi2 = 0.2170
 Log pseudolikelihood = -1018.1395 Pseudo R2 = 0.0021

	tpartic4	RRR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
Participate							
occdisag							
Unemployed		1.304467	.285833	1.21	0.225	.8490224	2.004228
_cons		.199419	.0188692	-17.04	0.000	.1656629	.2400535
Support							
(base outcome)							
Apathetic_inactive							
occdisag							
Unemployed		1.458939	.3406838	1.62	0.106	.9231431	2.305713
_cons		.1491033	.0160637	-17.66	0.000	.120721	.1841584
Oppose							
occdisag							
Unemployed		1.627394	.6415175	1.24	0.217	.751536	3.523999
_cons		.0441273	.008303	-16.59	0.000	.0305172	.0638073

300 . * Egypt

301 . logit participate 8.occdisag if country==2 [pw=WT], nolog or

Logistic regression Number of obs = 1,214
 Wald chi2(1) = 6.74
 Prob > chi2 = 0.0094
 Log pseudolikelihood = -339.60193 Pseudo R2 = 0.0088

	participate	Odds Ratio	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
	occdisag						
Government employee		2.022642	.5488943	2.60	0.009	1.188295	3.442816
_cons		.0797518	.0097087	-20.77	0.000	.0628229	.1012424

```
302 . logit participate 3.occdisag if country==2 [pw=WT], nolog or
```

```
Logistic regression                      Number of obs   =    1,214
                                          Wald chi2(1)    =    24.49
                                          Prob > chi2     =    0.0000
Log pseudolikelihood = -332.19952        Pseudo R2      =    0.0304
```

	participate	Odds Ratio	Robust Std. Err.	z	P> z	[95% Conf. Interval]
	occdisag					
Professional (lwyr, acctnt, teacher, dr, etc.)		4.690983	1.465231	4.95	0.000	2.543259 8.652409
_cons		.0765175	.0091021	-21.61	0.000	.0606048 .0966084

```
303 .
304 . * =====
305 . * DATA FOR FIGURE 7.6: INCOME QUINTILES, CONTROLLING FOR GENDER AND AGE
306 . * =====
307 . * Ukrainian revolutions
308 . clear

309 . use monitoring20052014engmerged.dta

310 . * Orange Revolution
311 . * By income quintiles
312 . mlogit partic5a gender newage incomequint if EVA_vers=="yr2005", rrr b(3)
```

```
Iteration 0: log likelihood = -2215.6395
Iteration 1: log likelihood = -2165.634
Iteration 2: log likelihood = -2165.0309
Iteration 3: log likelihood = -2165.0304
Iteration 4: log likelihood = -2165.0304
```

```
Multinomial logistic regression          Number of obs   =    1,649
                                          LR chi2(12)    =   101.22
                                          Prob > chi2     =    0.0000
Log likelihood = -2165.0304              Pseudo R2      =    0.0228
```

	partic5a	RRR	Std. Err.	z	P> z	[95% Conf. Interval]
Part_in_rev						
gender		1.483737	.2237607	2.62	0.009	1.104048 1.994002
newage		.9684246	.0045514	-6.83	0.000	.9595451 .9773864
incomequint		1.128527	.0597555	2.28	0.022	1.01728 1.251938
_cons		1.01016	.2749094	0.04	0.970	.5925707 1.722026
Aid_rev						
gender		1.315154	.3792353	0.95	0.342	.7473533 2.314342
newage		.9947759	.0086549	-0.60	0.547	.9779564 1.011885
incomequint		1.01764	.1062973	0.17	0.867	.8292433 1.248838
_cons		.0907116	.0489194	-4.45	0.000	.0315226 .2610376
Support_rev (base outcome)						
Apathetic						
gender		.7576997	.1493964	-1.41	0.159	.5148311 1.11514
newage		.9701018	.0057588	-5.11	0.000	.9588801 .9814549
incomequint		1.062066	.0718133	0.89	0.373	.9302426 1.21257
_cons		.7922927	.2653638	-0.70	0.487	.4109523 1.527495
Oppose_rev						
gender		.9662119	.1149634	-0.29	0.773	.7652324 1.219976
newage		.9923355	.0035062	-2.18	0.029	.9854872 .9992315
incomequint		1.205931	.0513585	4.40	0.000	1.109357 1.310912
_cons		.7529515	.1682056	-1.27	0.204	.4859738 1.166598

```
313 . margins, atmeans at (incomequint=(1 2 3 4 5))
```

```
Adjusted predictions                      Number of obs   =    1,649
Model VCE      : OIM
```

- 1._predict : Pr(partic5a==Part_in_rev), predict(pr outcome(1))
- 2._predict : Pr(partic5a==Aid_rev), predict(pr outcome(2))
- 3._predict : Pr(partic5a==Support_rev), predict(pr outcome(3))
- 4._predict : Pr(partic5a==Apathetic), predict(pr outcome(4))
- 5._predict : Pr(partic5a==Oppose_rev), predict(pr outcome(5))

- 1._at : gender = .4384475 (mean)
- newage = 46.1698 (mean)
- incomequint = 1
- 2._at : gender = .4384475 (mean)
- newage = 46.1698 (mean)
- incomequint = 2
- 3._at : gender = .4384475 (mean)
- newage = 46.1698 (mean)
- incomequint = 3
- 4._at : gender = .4384475 (mean)
- newage = 46.1698 (mean)
- incomequint = 4
- 5._at : gender = .4384475 (mean)
- newage = 46.1698 (mean)
- incomequint = 5

319 . margins, atmeans at(incomequint=(1 2 3 4 5))

Adjusted predictions Number of obs = 1,606
Model VCE : OIM
1._predict : Pr(partic5a==Part_in_rev), predict(pr outcome(1))
2._predict : Pr(partic5a==Aid_rev), predict(pr outcome(2))
3._predict : Pr(partic5a==Support_rev), predict(pr outcome(3))
4._predict : Pr(partic5a==Apathetic), predict(pr outcome(4))
5._predict : Pr(partic5a==Oppose_rev), predict(pr outcome(5))
1._at : gender = .4433375 (mean)
newage = 45.94707 (mean)
incomequint = 1
2._at : gender = .4433375 (mean)
newage = 45.94707 (mean)
incomequint = 2
3._at : gender = .4433375 (mean)
newage = 45.94707 (mean)
incomequint = 3
4._at : gender = .4433375 (mean)
newage = 45.94707 (mean)
incomequint = 4
5. at : gender = .4433375 (mean)
newage = 45.94707 (mean)
incomequint = 5

Delta-method table with columns: predict# at, Margin, Std. Err., z, P>|z|, [95% Conf. Interval]. Rows include probabilities for each income quintile and gender.

320 . * Average probability for all
321 . margins, atmeans

Adjusted predictions Number of obs = 1,606
Model VCE : OIM
1._predict : Pr(partic5a==Part_in_rev), predict(pr outcome(1))
2._predict : Pr(partic5a==Aid_rev), predict(pr outcome(2))
3._predict : Pr(partic5a==Support_rev), predict(pr outcome(3))
4._predict : Pr(partic5a==Apathetic), predict(pr outcome(4))
5._predict : Pr(partic5a==Oppose_rev), predict(pr outcome(5))
at : gender = .4433375 (mean)
newage = 45.94707 (mean)
incomequint = 2.837484 (mean)

Delta-method table for average probability with columns: _predict, Margin, Std. Err., z, P>|z|, [95% Conf. Interval].

```

322 . * Egyptian and Tunisian revolutions
323 . clear

324 . use fullarabbarom2.dta

325 . * Egyptian Revolution
326 . * By income quintiles
327 . mlogit egpartic5 gender newage incomequintile if country==2 [pw=WT], rrr b(3)
    
```

```

Iteration 0:  log pseudolikelihood = -1209.7412
Iteration 1:  log pseudolikelihood = -1177.9066
Iteration 2:  log pseudolikelihood = -1175.6732
Iteration 3:  log pseudolikelihood = -1175.6663
Iteration 4:  log pseudolikelihood = -1175.6663

Multinomial logistic regression      Number of obs   =       1,211
                                      Wald chi2(12)   =         67.64
                                      Prob > chi2     =         0.0000
                                      Pseudo R2      =         0.0282

Log pseudolikelihood = -1175.6663
    
```

	egpartic5	RRR	Robust Std. Err.	z	P> z	[95% Conf. Interval]

Participate						
gender	3.343508	.8648786	4.67	0.000	2.013811	5.55119
newage	.9813959	.0078035	-2.36	0.018	.9662199	.9968103
incomequintile	1.341024	.1168805	3.37	0.001	1.130441	1.590835
_cons	.0399667	.0163652	-7.86	0.000	.0179125	.0891745

Aid						
gender	1.270574	.5083671	0.60	0.549	.5799999	2.783381
newage	1.005186	.0121459	0.43	0.669	.9816597	1.029275
incomequintile	1.460957	.2517745	2.20	0.028	1.042187	2.047998
_cons	.0070175	.0056366	-6.17	0.000	.0014537	.0338757

Support (base outcome)						

Apathetic						
gender	.9926121	.2369091	-0.03	0.975	.6217578	1.584667
newage	1.013223	.0084127	1.58	0.114	.9968679	1.029846
incomequintile	.8850794	.0798009	-1.35	0.176	.7416996	1.056176
_cons	.0788943	.0351171	-5.71	0.000	.0329733	.1887684

Oppose						
gender	.6602268	.1140269	-2.40	0.016	.470634	.9261964
newage	.9938361	.0064379	-0.95	0.340	.9812977	1.006535
incomequintile	.9276477	.0620328	-1.12	0.261	.8136961	1.057557
_cons	.4038616	.1236881	-2.96	0.003	.221585	.7360793

```

328 . margins, atmeans at(incomequintile=(1 2 3 4 5))
    
```

```

Adjusted predictions      Number of obs   =       1,211
Model VCE      : Robust

1. _predict : Pr(egpartic5==Participate), predict(pr outcome(1))
2. _predict : Pr(egpartic5==Aid), predict(pr outcome(2))
3. _predict : Pr(egpartic5==Support), predict(pr outcome(3))
4. _predict : Pr(egpartic5==Apathetic), predict(pr outcome(4))
5. _predict : Pr(egpartic5==Oppose), predict(pr outcome(5))

1. _at : gender = .5082399 (mean)
       newage = 37.88005 (mean)
       incomequintile = 1
2. _at : gender = .5082399 (mean)
       newage = 37.88005 (mean)
       incomequintile = 2
3. _at : gender = .5082399 (mean)
       newage = 37.88005 (mean)
       incomequintile = 3
4. _at : gender = .5082399 (mean)
       newage = 37.88005 (mean)
       incomequintile = 4
5. _at : gender = .5082399 (mean)
       newage = 37.88005 (mean)
       incomequintile = 5
    
```

	Margin	Delta-method Std. Err.	z	P> z	[95% Conf. Interval]

_predict#_at					
1 1	.0342931	.0075912	4.52	0.000	.0194146 .0491716
1 2	.0462309	.0072254	6.40	0.000	.0320694 .0603923
1 3	.0618229	.0073824	8.37	0.000	.0473536 .0762922
1 4	.0818398	.0107682	7.60	0.000	.0607346 .102945
1 5	.1069679	.0190791	5.61	0.000	.0695737 .1443622
2 1	.0099393	.0047138	2.11	0.035	.0007004 .0191781
2 2	.0145976	.0047566	3.07	0.002	.0052748 .0239203
2 3	.0212667	.0045785	4.64	0.000	.012293 .0302403
2 4	.0306701	.0064123	4.78	0.000	.0181022 .0432381
2 5	.0436723	.0134546	3.25	0.001	.0173016 .0700429
3 1	.7056522	.023317	30.26	0.000	.6599519 .7513526
3 2	.7093815	.0160652	44.16	0.000	.6778944 .7408686
3 3	.7073932	.0139456	50.73	0.000	.6800603 .7347261
3 4	.6982958	.0179622	38.88	0.000	.6630906 .733501

Table with 7 columns: index, coefficient, standard error, z, p-value, odds ratio, confidence interval. Rows 5-10.

354 . * Average probability for all
355 . margins, atmeans

Adjusted predictions Number of obs = 1,752
Model VCE : OIM
1._predict : Pr(partic5a==Part_in_rev), predict(pr outcome(1))
2._predict : Pr(partic5a==Aid_rev), predict(pr outcome(2))
3._predict : Pr(partic5a==Support_rev), predict(pr outcome(3))
4._predict : Pr(partic5a==Apathetic), predict(pr outcome(4))
5._predict : Pr(partic5a==Oppose_rev), predict(pr outcome(5))
at : gender = .4452055 (mean)
newage = 45.76998 (mean)
consumergo~s = 5.296804 (mean)

Delta-method table with columns: Margin, Std. Err., z, P>|z|, [95% Conf. Interval]. Rows for _predict 1-5.

356 .
357 . * =====
358 . * DATA FOR FIGURE 7.8: EDUCATION LEVELS, CONTROLLING FOR GENDER AND AGE
359 . * =====
360 . * Ukrainian revolutions
361 . clear

362 . use monitoring20052014engmerged.dta
363 . * Orange Revolution
364 . * Educational levels
365 . mlogit partic5a gender newage edulevel3 if EVA_ers=="yr2005", rrr b(3)

Iteration 0: log likelihood = -2366.4614
Iteration 1: log likelihood = -2315.0118
Iteration 2: log likelihood = -2313.8394
Iteration 3: log likelihood = -2313.8374
Iteration 4: log likelihood = -2313.8374

Multinomial logistic regression Number of obs = 1,746
LR chi2(12) = 105.25
Prob > chi2 = 0.0000
Log likelihood = -2313.8374 Pseudo R2 = 0.0222

Large table with columns: partic5a, RRR, Std. Err., z, P>|z|, [95% Conf. Interval]. Rows for Part_in_rev, Aid_rev, Support_rev, Apathetic, Oppose_rev.

366 . margins, atmeans at (edulevel3=(1 2 3))
Adjusted predictions Number of obs = 1,746
Model VCE : OIM
1._predict : Pr(partic5a==Part_in_rev), predict(pr outcome(1))
2._predict : Pr(partic5a==Aid_rev), predict(pr outcome(2))
3._predict : Pr(partic5a==Support_rev), predict(pr outcome(3))
4._predict : Pr(partic5a==Apathetic), predict(pr outcome(4))
5._predict : Pr(partic5a==Oppose_rev), predict(pr outcome(5))

372 . margins, atmeans at(edulevel3=(1 2 3))

```

Adjusted predictions      Number of obs   =       1,739
Model VCE      : OIM

1._predict  : Pr(partic5a==Part_in rev), predict(pr outcome(1))
2._predict  : Pr(partic5a==Aid rev), predict(pr outcome(2))
3._predict  : Pr(partic5a==Support rev), predict(pr outcome(3))
4._predict  : Pr(partic5a==Apathetic), predict(pr outcome(4))
5._predict  : Pr(partic5a==Oppose_rev), predict(pr outcome(5))

1._at       : gender      = .4439333 (mean)
              newage      = 45.78551 (mean)
              edulevel3    = 1
2._at       : gender      = .4439333 (mean)
              newage      = 45.78551 (mean)
              edulevel3    = 2
3._at       : gender      = .4439333 (mean)
              newage      = 45.78551 (mean)
              edulevel3    = 3
  
```

	Margin	Delta-method Std. Err.	z	P> z	[95% Conf. Interval]	
predict# at						
1 1	.0496645	.011321	4.39	0.000	.0274757	.0718533
1 2	.0708413	.0068995	10.27	0.000	.0573185	.084364
1 3	.0982778	.0139329	7.05	0.000	.0709699	.1255857
2 1	.0429973	.0100354	4.28	0.000	.0233282	.0626664
2 2	.0688343	.0067178	10.25	0.000	.0556677	.0820009
2 3	.107176	.0145812	7.35	0.000	.0785974	.1357547
3 1	.4637804	.0306507	15.13	0.000	.4037061	.5238546
3 2	.4278901	.0127313	33.61	0.000	.4029373	.452843
3 3	.3839554	.0218241	17.59	0.000	.3411809	.4267299
4 1	.1418896	.0216332	6.56	0.000	.0994892	.1842899
4 2	.1308894	.0086766	15.09	0.000	.1138835	.1478953
4 3	.1174322	.0141889	8.28	0.000	.0896225	.1452419
5 1	.3016683	.0279227	10.80	0.000	.2469409	.3563957
5 2	.3015448	.0118057	25.54	0.000	.278406	.3246836
5 3	.2931586	.0204364	14.34	0.000	.253104	.3332132

373 . * Average probability for all
374 . tab partic5a if e(sample)

Part/Aid/Su pport/Apath etic/Oppose	Freq.	Percent	Cum.
Part in rev	141	8.11	8.11
Aid rev	133	7.65	15.76
Support rev	723	41.58	57.33
Apathetic	225	12.94	70.27
Oppose rev	517	29.73	100.00
Total	1,739	100.00	

375 . * Egyptian and Tunisian revolutions
376 . clear

377 . use fullarabbarom2.dta

378 . * Egyptian Revolution
379 . * Educational levels
380 . mlogit egpartic5 gender newage edulvl3 if country==2 [pw=WT], rrr b(3)

```

Iteration 0: log pseudolikelihood = -1206.6323
Iteration 1: log pseudolikelihood = -1164.2064
Iteration 2: log pseudolikelihood = -1159.7201
Iteration 3: log pseudolikelihood = -1159.6975
Iteration 4: log pseudolikelihood = -1159.6975
  
```

```

Multinomial logistic regression      Number of obs   =       1,208
Wald chi2(12)      =           78.24
Prob > chi2        =           0.0000
Log pseudolikelihood = -1159.6975    Pseudo R2       =           0.0389
  
```

egpartic5	RRR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
Participate						
gender	2.981759	.8088956	4.03	0.000	1.752094	5.074434
newage	.9900576	.0087764	-1.13	0.260	.9730047	1.007409
edulvl3	2.351997	.4189188	4.80	0.000	1.658928	3.334617
_cons	.0130588	.0072517	-7.81	0.000	.0043977	.0387779
Aid						
gender	1.061102	.4444444	0.14	0.887	.4669065	2.411484
newage	1.017801	.0138372	1.30	0.194	.9910387	1.045286
edulvl3	2.180935	.6218905	2.73	0.006	1.247165	3.813833
_cons	.0033914	.0031277	-6.17	0.000	.0005564	.0206729
Support	(base outcome)					
Apathetic						
gender	1.060857	.252563	0.25	0.804	.6652844	1.691633
newage	1.00751	.0087508	0.86	0.389	.990504	1.024808


```
397 . * Tunisian Revolution
398 . mlogit tpartic4 highered unemployed employed if country==10 [pw=WT], rrr b(2)
```

```
Iteration 0: log pseudolikelihood = -1016.7469
Iteration 1: log pseudolikelihood = -999.87357
Iteration 2: log pseudolikelihood = -999.33326
Iteration 3: log pseudolikelihood = -999.33255
Iteration 4: log pseudolikelihood = -999.33255
```

```
Multinomial logistic regression      Number of obs   =    1,141
                                     Wald chi2(9)    =    35.50
                                     Prob > chi2    =    0.0000
Log pseudolikelihood = -999.33255    Pseudo R2      =    0.0171
```

tpartic4		RRR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	

Participate							
highered		1.87747	.3890472	3.04	0.002	1.2508	2.81811
unemployed		1.941309	.5119779	2.52	0.012	1.157734	3.255221
employed		2.212717	.4508732	3.90	0.000	1.484162	3.29891
_cons		.1122075	.0181354	-13.53	0.000	.0817424	.1540269

Support (base outcome)							

Apathetic_inactive							
highered		.884035	.2412879	-0.45	0.652	.5177774	1.50937
unemployed		1.57512	.4200722	1.70	0.088	.9339099	2.656577
employed		1.224375	.2640982	0.94	0.348	.80225	1.868611
_cons		.1378263	.0220141	-12.41	0.000	.1007801	.1884904

Oppose							
highered		1.55686	.5943746	1.16	0.246	.7366811	3.290178
unemployed		1.52275	.6285664	1.02	0.308	.6780574	3.419722
employed		.9476708	.3644769	-0.14	0.889	.4459467	2.013873
_cons		.0420951	.011346	-11.75	0.000	.0248202	.0713934

```
399 . margins, atmeans at(highered=1 unemployed=1 employed=0)
```

```
Adjusted predictions      Number of obs   =    1,141
Model VCE      : Robust

1. _predict : Pr(tpartic4==Participate), predict(pr outcome(1))
2. _predict : Pr(tpartic4==Support), predict(pr outcome(2))
3. _predict : Pr(tpartic4==Apathetic_inactive), predict(pr outcome(3))
4. _predict : Pr(tpartic4==Oppose), predict(pr outcome(4))
at          : highered      =      1
            : unemployed    =      1
            : employed      =      0
```

		Delta-method		z	P> z	[95% Conf. Interval]	
		Margin	Std. Err.				

_predict							
1		.2404732	.0422045	5.70	0.000	.1577539	.3231926
2		.5879996	.0477871	12.30	0.000	.4943385	.6816607
3		.1128476	.0277174	4.07	0.000	.0585225	.1671726
4		.0586796	.0278131	2.11	0.035	.004167	.1131922

```
400 . margins, atmeans at(highered=1 unemployed=0 employed=1)
```

```
Adjusted predictions      Number of obs   =    1,141
Model VCE      : Robust

1. _predict : Pr(tpartic4==Participate), predict(pr outcome(1))
2. _predict : Pr(tpartic4==Support), predict(pr outcome(2))
3. _predict : Pr(tpartic4==Apathetic_inactive), predict(pr outcome(3))
4. _predict : Pr(tpartic4==Oppose), predict(pr outcome(4))
at          : highered      =      1
            : unemployed    =      0
            : employed      =      1
```

		Delta-method		z	P> z	[95% Conf. Interval]	
		Margin	Std. Err.				

_predict							
1		.2778917	.0375741	7.40	0.000	.2042479	.3515356
2		.5961488	.0395669	15.07	0.000	.5185992	.6736985
3		.0889345	.0224158	3.97	0.000	.0450004	.1328686
4		.0370249	.0120308	3.08	0.002	.013445	.0606048

```
401 . margins, atmeans at(highered=0 unemployed=1 employed=0)
```

```
Adjusted predictions      Number of obs   =    1,141
Model VCE      : Robust

1. _predict : Pr(tpartic4==Participate), predict(pr outcome(1))
2. _predict : Pr(tpartic4==Support), predict(pr outcome(2))
3. _predict : Pr(tpartic4==Apathetic_inactive), predict(pr outcome(3))
4. _predict : Pr(tpartic4==Oppose), predict(pr outcome(4))
at          : highered      =      0
            : unemployed    =      1
            : employed      =      0
```


	Margin	Delta-method Std. Err.	z	P> z	[95% Conf. Interval]
predict					
1	.4157023	.0293532	14.16	0.000	.3581711 .4732335
2	.1081747	.0180121	6.01	0.000	.0728716 .1434779
3	.4297443	.0292343	14.70	0.000	.3724461 .4870426
4	.0209861	.0079226	2.65	0.008	.005458 .0365141
5	.0253925	.0088884	2.86	0.004	.0079715 .0428136

410 . margins, atmeans at(west=0 center=1 south=0)

Adjusted predictions Number of obs = 1,746
Model VCE : OIM

1._predict : Pr(partic5a==Part_in_rev), predict(pr outcome(1))
2._predict : Pr(partic5a==Aid_rev), predict(pr outcome(2))
3._predict : Pr(partic5a==Support_rev), predict(pr outcome(3))
4._predict : Pr(partic5a==Apathetic), predict(pr outcome(4))
5._predict : Pr(partic5a==Oppose_rev), predict(pr outcome(5))
at : gender = .443299 (mean)
 : newage = 45.57847 (mean)
 : edulevel = 2.172394 (mean)
 : consumergo~s = 4.962772 (mean)
 : west = 0
 : center = 1
 : south = 0

	Margin	Delta-method Std. Err.	z	P> z	[95% Conf. Interval]
_predict					
1	.18339	.0169493	10.82	0.000	.1501699 .2166101
2	.0324053	.0075843	4.27	0.000	.0175404 .0472703
3	.5671538	.0214409	26.45	0.000	.5251304 .6091771
4	.0663262	.0105759	6.27	0.000	.0455979 .0870545
5	.1507247	.0153335	9.83	0.000	.1206715 .1807778

411 . margins, atmeans at(west=0 center=0 south=1)

Adjusted predictions Number of obs = 1,746
Model VCE : OIM

1._predict : Pr(partic5a==Part_in_rev), predict(pr outcome(1))
2._predict : Pr(partic5a==Aid_rev), predict(pr outcome(2))
3._predict : Pr(partic5a==Support_rev), predict(pr outcome(3))
4._predict : Pr(partic5a==Apathetic), predict(pr outcome(4))
5._predict : Pr(partic5a==Oppose_rev), predict(pr outcome(5))
at : gender = .443299 (mean)
 : newage = 45.57847 (mean)
 : edulevel = 2.172394 (mean)
 : consumergo~s = 4.962772 (mean)
 : west = 0
 : center = 0
 : south = 1

	Margin	Delta-method Std. Err.	z	P> z	[95% Conf. Interval]
_predict					
1	.0243482	.0086942	2.80	0.005	.0073079 .0413885
2	.0148815	.0074276	2.00	0.045	.0003236 .0294394
3	.3123323	.0290367	10.76	0.000	.2554215 .3692432
4	.1201978	.0200883	5.98	0.000	.0808256 .1595701
5	.5282402	.0311807	16.94	0.000	.4671271 .5893532

412 . margins, atmeans at(west=0 center=0 south=0)

Adjusted predictions Number of obs = 1,746
Model VCE : OIM

1._predict : Pr(partic5a==Part_in_rev), predict(pr outcome(1))
2._predict : Pr(partic5a==Aid_rev), predict(pr outcome(2))
3._predict : Pr(partic5a==Support_rev), predict(pr outcome(3))
4._predict : Pr(partic5a==Apathetic), predict(pr outcome(4))
5._predict : Pr(partic5a==Oppose_rev), predict(pr outcome(5))
at : gender = .443299 (mean)
 : newage = 45.57847 (mean)
 : edulevel = 2.172394 (mean)
 : consumergo~s = 4.962772 (mean)
 : west = 0
 : center = 0
 : south = 0

	Margin	Delta-method Std. Err.	z	P> z	[95% Conf. Interval]
predict					
1	.0124912	.0040456	3.09	0.002	.0045621 .0204204
2	.0050617	.0025547	1.98	0.048	.0000546 .0100687
3	.2313675	.0171376	13.50	0.000	.1977784 .2649565
4	.1888846	.0159641	11.83	0.000	.1575955 .2201738
5	.562195	.0201269	27.93	0.000	.5227471 .6016429

```

418 .
419 . * =====
420 . * DATA FOR FIGURE 7.9: PARTICIPATION, SUPPORT, OPPOSITION BY LANGUAGE USE
421 . * AT HOME (UKRAINE ONLY)
422 . * =====
423 . clear

```

```
424 . use monitoring20052014engmerged.dta
```

```
425 . mlogit partic5a gender newage edulevel consumergoods ukrspkathome if EVA_vers=="yr2005", rrr
```

Iteration 0: log likelihood = -2366.4614
Iteration 1: log likelihood = -2037.8904
Iteration 2: log likelihood = -2022.2983
Iteration 3: log likelihood = -2022.198
Iteration 4: log likelihood = -2022.198

Multinomial logistic regression Number of obs = 1,746
 LR chi2(20) = 688.53
 Prob > chi2 = 0.0000
Log likelihood = -2022.198 Pseudo R2 = 0.1455

partic5a	RRR	Std. Err.	z	P> z	[95% Conf. Interval]
Part in rev					
gender	1.494754	.228904	2.62	0.009	1.10718 2.018
newage	.9723597	.0049662	-5.49	0.000	.9626747 .9821422
edulevel	1.166069	.0787901	2.27	0.023	1.021432 1.331187
consumergoods	1.216015	.0419443	5.67	0.000	1.136523 1.301067
ukrspkathome	3.137825	.5419389	6.62	0.000	2.236745 4.40191
_cons	.1432741	.0563766	-4.94	0.000	.0662568 .309817
Aid rev					
gender	1.335445	.3715623	1.04	0.298	.7740968 2.303863
newage	.9974216	.009127	-0.28	0.778	.9796924 1.015472
edulevel	1.02673	.1340068	0.20	0.840	.794985 1.32603
consumergoods	1.130487	.0722119	1.92	0.055	.9974558 1.281261
ukrspkathome	2.38496	.7649625	2.71	0.007	1.271929 4.471973
_cons	.0257419	.019457	-4.84	0.000	.0058514 .1132456
Support_rev (base outcome)					
Apathetic					
gender	.7300962	.139617	-1.65	0.100	.5018848 1.062077
newage	.9727284	.0058933	-4.56	0.000	.961246 .984348
edulevel	1.001542	.0846736	0.02	0.985	.8486052 1.182041
consumergoods	.9202741	.0400751	-1.91	0.056	.844987 1.002269
ukrspkathome	2.301635	.0491016	-6.89	0.000	1.515119 3.496442
_cons	2.407614	1.040024	2.03	0.042	1.032502 5.614137
Oppose_rev					
gender	.8689785	.111191	-1.10	0.272	.6762274 1.116671
newage	.9985631	.0040424	-0.36	0.722	.9906714 1.006518
edulevel	.8959331	.051862	-1.90	0.058	.7998396 1.003571
consumergoods	1.012041	.0298512	0.41	0.685	.9551927 1.072273
ukrspkathome	.0887285	.0136979	-15.69	0.000	.0655624 .1200801
_cons	2.714424	.8401861	3.23	0.001	1.479818 4.979057

```
426 . margins, atmeans at(ukrspkathome=(0 1))
```

Adjusted predictions Number of obs = 1,746
Model VCE : OIM

```

1. _predict : Pr(partic5a==Part in rev), predict(pr outcome(1))
2. _predict : Pr(partic5a==Aid rev), predict(pr outcome(2))
3. _predict : Pr(partic5a==Support_rev), predict(pr outcome(3))
4. _predict : Pr(partic5a==Apathetic), predict(pr outcome(4))
5. _predict : Pr(partic5a==Oppose_rev), predict(pr outcome(5))

1. _at : gender      = .443299 (mean)
      : newage       = 45.57847 (mean)
      : edulevel     = 2.172394 (mean)
      : consumergoods = 4.962772 (mean)
      : ukrspkathome = 0

2. _at : gender      = .443299 (mean)
      : newage       = 45.57847 (mean)
      : edulevel     = 2.172394 (mean)
      : consumergoods = 4.962772 (mean)
      : ukrspkathome = 1

```



```

-----+-----
          |           Delta-method
          |           Margin   Std. Err.      z    P>|z|    [95% Conf. Interval]
-----+-----
predict# at |
1 1 |      .0307778    .0053015     5.81  0.000    .0203871    .0411685
1 2 |      .1341219    .0130946    10.24  0.000    .108457    .1597869
2 1 |      .0316189    .0054098     5.84  0.000    .0210159    .0422218
2 2 |      .1272022    .0126937    10.02  0.000    .1023229    .1520814
3 1 |      .3438719    .0153849    22.35  0.000    .3137179    .3740258
3 2 |      .5296156    .018761     28.23  0.000    .4928447    .5663865
4 1 |      .1502384    .0116501    12.90  0.000    .1274046    .1730723
4 2 |      .0921005    .0107235     8.59  0.000    .0710829    .1131181
5 1 |      .4434931    .0161328    27.49  0.000    .4118733    .4751128
5 2 |      .1169598    .0118605     9.86  0.000    .0937136    .140206
-----+-----

```

```

429 .
430 . * =====
431 . * VARIOUS IDENTITY FEATURES OF UKRAINIAN PARTICIPANTS
432 . * =====
433 . clear

```

```

434 . use monitoring20052014engmerged.dta
435 . * Proportion speaking primarily Ukrainian at home
436 . tab ukrSpeakathome partic5a if EVA_vers=="yr2014", col

```

```

+-----+
| Key |
+-----+
|     |
| frequency |
| column percentage |
+-----+

Speaks |
primarily |
Ukrainian |
at home | Part in r    Aid rev    Support r    Apathetic    Oppose re | Total
-----+-----
no |      38      40      338      149      428 | 993
   | 26.57    29.63    46.75    65.35    82.31 | 56.78
-----+-----
yes |     105     95     385     79     92 | 756
   | 73.43    70.37    53.25    34.65    17.69 | 43.22
-----+-----
Total |     143     135     723     228     520 | 1,749
   | 100.00   100.00   100.00   100.00  100.00 | 100.00

```

```

437 . tab ukrSpeakathome partic5a if EVA_vers=="yr2005", col

```

```

+-----+
| Key |
+-----+
|     |
| frequency |
| column percentage |
+-----+

Speaks |
primarily |
Ukrainian |
at home | Part in r    Aid rev    Support r    Apathetic    Oppose re | Total
-----+-----
no |      71      15      270      118      535 | 1,009
   | 25.45    25.86    41.47    76.62    88.43 | 57.76
-----+-----
yes |     208     43     381     36     70 | 738
   | 74.55    74.14    58.53    23.38    11.57 | 42.24
-----+-----
Total |     279     58     651     154     605 | 1,747
   | 100.00   100.00   100.00   100.00  100.00 | 100.00

```

```

438 . * Uniate
439 . tab uniate partic5a if EVA_vers=="yr2005", col

```

```

+-----+
| Key |
+-----+
|     |
| frequency |
| column percentage |
+-----+

Uniate | Part in r    Aid rev    Support r    Apathetic    Oppose re | Total
-----+-----
0 |      217      39      615      153      602 | 1,626
   | 77.78    67.24    94.47    99.35    99.67 | 93.13
-----+-----
1 |       62      19      36      1      2 | 120
   | 22.22    32.76    5.53    0.65    0.33 | 6.87
-----+-----
Total |     279     58     651     154     604 | 1,746
   | 100.00   100.00   100.00   100.00  100.00 | 100.00

```

440 . tab uniate partic5a if EVA_vers=="yr2014", col

```

+-----+
| Key |
+-----+
|      |
| frequency |
| column percentage |
+-----+

```

Uniate	Part in r	Part/Aid/Support/Apathetic/Oppose				Total
		Aid rev	Support r	Apathetic	Oppose re	
0	97 68.79	107 79.26	662 91.69	227 99.56	519 99.62	1,612 92.27
1	44 31.21	28 20.74	60 8.31	1 0.44	2 0.38	135 7.73
Total	141 100.00	135 100.00	722 100.00	228 100.00	521 100.00	1,747 100.00

441 . * Identifies primarily as citizen of Ukraine
442 . tab ukrcitizen partic5a if EVA_vers=="yr2005", col

```

+-----+
| Key |
+-----+
|      |
| frequency |
| column percentage |
+-----+

```

```

Considers |
oneself |
primarily |
a |
Ukrainian |
citizen |

```

Ukrainian citizen	Part in r	Part/Aid/Support/Apathetic/Oppose				Total
		Aid rev	Support r	Apathetic	Oppose re	
no	69 24.82	24 41.38	299 45.93	78 50.65	326 53.88	796 45.59
yes	209 75.18	34 58.62	352 54.07	76 49.35	279 46.12	950 54.41
Total	278 100.00	58 100.00	651 100.00	154 100.00	605 100.00	1,746 100.00

443 . tab ukrcitizen partic5a if EVA_vers=="yr2014", col

```

+-----+
| Key |
+-----+
|      |
| frequency |
| column percentage |
+-----+

```

```

Considers |
oneself |
primarily |
a |
Ukrainian |
citizen |

```

Ukrainian citizen	Part in r	Part/Aid/Support/Apathetic/Oppose				Total
		Aid rev	Support r	Apathetic	Oppose re	
no	25 17.48	26 19.26	184 25.48	98 43.36	289 55.58	622 35.62
yes	118 82.52	109 80.74	538 74.52	128 56.64	231 44.42	1,124 64.38
Total	143 100.00	135 100.00	722 100.00	226 100.00	520 100.00	1,746 100.00

444 . * Proud to be Ukrainian citizen
445 . tab ukrproud partic5a if EVA_vers=="yr2005", col

```

+-----+
| Key |
+-----+
|      |
| frequency |
| column percentage |
+-----+

```

```

Proud to |
be a |
Ukrainian |
citizen |

```

Ukrainian citizen	Part in r	Part/Aid/Support/Apathetic/Oppose				Total
		Aid rev	Support r	Apathetic	Oppose re	
no	60 21.58	10 17.24	232 35.69	96 62.34	401 66.28	799 45.79
yes	218 78.42	48 82.76	418 64.31	58 37.66	204 33.72	946 54.21
Total	278 100.00	58 100.00	650 100.00	154 100.00	605 100.00	1,745 100.00

446 . tab ukrproud partic5a if EVA_vers=="yr2014", col

```
+-----+
| Key |
+-----+
| frequency |
| column percentage |
+-----+
```

Proud to be a Ukrainian citizen	Part in r	Aid rev	Support r	Apathetic	Oppose re	Total
no	12 9.68	17 13.39	153 23.65	109 53.43	318 69.58	609 39.06
yes	112 90.32	110 86.61	494 76.35	95 46.57	139 30.42	950 60.94
Total	124 100.00	127 100.00	647 100.00	204 100.00	457 100.00	1,559 100.00

447 . * Foreign orientation

448 . tab fororientation5 partic5a if EVA_vers=="yr2005", col

```
+-----+
| Key |
+-----+
| frequency |
| column percentage |
+-----+
```

Foreign orientation (5)	Part in r	Aid rev	Support r	Apathetic	Oppose re	Total
Toward Russia/CIS	52 18.64	10 17.24	255 39.17	91 59.09	436 72.07	844 48.31
Rely on own resources	79 28.32	15 25.86	169 25.96	30 19.48	61 10.08	354 20.26
Toward the West	109 39.07	25 43.10	138 21.20	11 7.14	35 5.79	318 18.20
Other	18 6.45	3 5.17	19 2.92	2 1.30	34 5.62	76 4.35
Hard to say	21 7.53	5 8.62	70 10.75	20 12.99	39 6.45	155 8.87
Total	279 100.00	58 100.00	651 100.00	154 100.00	605 100.00	1,747 100.00

449 . tab fororientation5 partic5a if EVA_vers=="yr2014", col

```
+-----+
| Key |
+-----+
| frequency |
| column percentage |
+-----+
```

Foreign orientation (5)	Part in r	Aid rev	Support r	Apathetic	Oppose re	Total
Toward Russia/CIS	5 3.50	4 2.96	64 8.83	68 29.82	248 47.60	389 22.20
Rely on own resources	46 32.17	63 46.67	309 42.62	65 28.51	132 25.34	615 35.10
Toward the West	82 57.34	61 45.19	241 33.24	30 13.16	42 8.06	456 26.03
Other	8 5.59	3 2.22	37 5.10	11 4.82	46 8.83	105 5.99
Hard to say	2 1.40	4 2.96	74 10.21	54 23.68	53 10.17	187 10.67
Total	143 100.00	135 100.00	725 100.00	228 100.00	521 100.00	1,752 100.00

450 .

451 . * =====

```

452 . * DATA FOR FIGURE 7.10: RELIGIOUS PRACTICE IN TUNISIAN
453 . *   AND EGYPTIANS REVOLUTIONS
454 . * =====
455 . clear

456 . use fullarabbarom2.dta

457 . mlogit egpartic5 gender newage  religscale christian if country==2 [pw=WT], rrr b(3)

```

```

Iteration 0:  log pseudolikelihood = -1206.3169
Iteration 1:  log pseudolikelihood = -1164.3115
Iteration 2:  log pseudolikelihood = -1160.798
Iteration 3:  log pseudolikelihood = -1160.6491
Iteration 4:  log pseudolikelihood = -1160.6194
Iteration 5:  log pseudolikelihood = -1160.613
Iteration 6:  log pseudolikelihood = -1160.6116
Iteration 7:  log pseudolikelihood = -1160.6112
Iteration 8:  log pseudolikelihood = -1160.6112
Iteration 9:  log pseudolikelihood = -1160.6111

```

```

Multinomial logistic regression          Number of obs   =       1,207
                                          Wald chi2(16)    =       3240.62
                                          Prob > chi2      =         0.0000
Log pseudolikelihood = -1160.6111       Pseudo R2       =         0.0379

```

		RRR	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
Participate							
gender		3.269492	.8559003	4.53	0.000	1.957264	5.461489
newage		.9805408	.0077838	-2.48	0.013	.9654029	.9959161
religscale		1.085508	.0440135	2.02	0.043	1.002582	1.175293
christian		.7347861	.4658889	-0.49	0.627	.2120602	2.546025
_cons		.051202	.0246313	-6.18	0.000	.0199437	.1314522
Aid							
gender		1.172399	.4834881	0.39	0.700	.5224525	2.630899
newage		1.004481	.0122646	0.37	0.714	.9807279	1.028809
religscale		1.163786	.0717756	2.46	0.014	1.031278	1.313319
christian		1.19e-06	3.27e-07	-49.81	0.000	6.98e-07	2.04e-06
_cons		.0066187	.0048953	-6.78	0.000	.0015532	.0282052
Support (base outcome)							
Apathetic							
gender		1.027114	.2449547	0.11	0.911	.6436013	1.639156
newage		1.014772	.0087056	1.71	0.087	.997852	1.031979
religscale		.8819621	.0441585	-2.51	0.012	.7995241	.9729001
christian		2.896803	1.056756	2.92	0.004	1.417098	5.921584
_cons		.1326261	.0617442	-4.34	0.000	.0532539	.3302984
Oppose							
gender		.6653437	.1156928	-2.34	0.019	.4731899	.9355276
newage		.9960126	.0063974	-0.62	0.534	.9835525	1.008631
religscale		.9030543	.0265095	-3.47	0.001	.852563	.9565358
christian		1.938829	.6144969	2.09	0.037	1.041736	3.608455
_cons		.6570219	.2305478	-1.20	0.231	.3302895	1.306968

```

458 . margins, atmeans at(christian=0 religscale=(0 3 6 9 12 15))

```

```

Adjusted predictions          Number of obs   =       1,207
Model VCE      : Robust

1. _predict : Pr(egpartic5==Participate), predict(pr outcome(1))
2. _predict : Pr(egpartic5==Aid), predict(pr outcome(2))
3. _predict : Pr(egpartic5==Support), predict(pr outcome(3))
4. _predict : Pr(egpartic5==Apathetic), predict(pr outcome(4))
5. _predict : Pr(egpartic5==Oppose), predict(pr outcome(5))

1. _at      : gender      =       .5074661 (mean)
              newage      =       37.89459 (mean)
              religscale  =           0
              christian    =           0

2. _at      : gender      =       .5074661 (mean)
              newage      =       37.89459 (mean)
              religscale  =           3
              christian    =           0

3. _at      : gender      =       .5074661 (mean)
              newage      =       37.89459 (mean)
              religscale  =           6
              christian    =           0

4. _at      : gender      =       .5074661 (mean)
              newage      =       37.89459 (mean)
              religscale  =           9
              christian    =           0

5. _at      : gender      =       .5074661 (mean)
              newage      =       37.89459 (mean)
              religscale  =          12
              christian    =           0

6. _at      : gender      =       .5074661 (mean)
              newage      =       37.89459 (mean)
              religscale  =          15
              christian    =           0

```


Trust the Muslim Brotherhood (Egypt only)	Egypt: Part/Aid/Support/Apath/Oppose					Total
	Participa	Aid	Support	Apathetic	Oppose	
Unspecified	0 0.00	0 0.00	2 0.24	2 2.44	0 0.00	4 0.33
I trust it to a great	21 23.33	7 25.00	161 19.30	18 21.95	36 20.34	243 20.07
I trust it to a mediu	22 24.44	6 21.43	199 23.86	14 17.07	43 24.29	284 23.45
I trust it to a limit	10 11.11	1 3.57	152 18.23	20 24.39	21 11.86	204 16.85
I absolutely do not t	32 35.56	11 39.29	256 30.70	22 26.83	62 35.03	383 31.63
I don't know	4 4.44	3 10.71	63 7.55	6 7.32	15 8.47	91 7.51
Declined to answer	1 1.11	0 0.00	1 0.12	0 0.00	0 0.00	2 0.17
Total	90 100.00	28 100.00	834 100.00	82 100.00	177 100.00	1,211 100.00

469 . tab q20114 tpartic4 if country==10, col

```

+-----+
| Key |
+-----+
| frequency |
| column percentage |
+-----+

```

To what degree do you currently trust: the Nahda party/movement?	Tunisia: Part/Supp/Apath, Inact/Oppose				Total
	Participa	Support	Apathetic	Oppose	
Unspecified	1 0.58	2 0.25	0 0.00	0 0.00	3 0.26
I trust it to a great	37 21.64	150 18.47	18 13.64	4 10.26	209 18.11
I trust it to a mediu	41 23.98	171 21.06	31 23.48	7 17.95	250 21.66
I trust it to a limit	23 13.45	94 11.58	13 9.85	4 10.26	134 11.61
I absolutely do not t	55 32.16	229 28.20	38 28.79	20 51.28	342 29.64
I don't know	13 7.60	160 19.70	32 24.24	4 10.26	209 18.11
Declined to answer	1 0.58	6 0.74	0 0.00	0 0.00	7 0.61
Total	171 100.00	812 100.00	132 100.00	39 100.00	1,154 100.00

```

470 .
471 . * =====
472 . * BLOC RECRUITMENT IN ORANGE REV--VOTE OF PARTICIPANT INFLUENCED BY POLITICIAN
473 . * =====
474 . clear

```

475 . use monitoring20052014engmerged.dta

476 . tab EVA307_1 partic5a if EVA_vers=="yr2005", col

```

+-----+
| Key |
+-----+
| frequency |
| column percentage |
+-----+

```

Vote for	in 3rd round influenced by endorsemen t of: A.	Part/Aid/Support/Apathetic/Oppose				Total
		Part in r	Aid rev	Support r	Apathetic	
no	241 86.38	51 87.93	594 91.24	154 100.00	603 99.67	1,643 94.05
yes	38 13.62	7 12.07	57 8.76	0 0.00	2 0.33	104 5.95
Total	279	58	651	154	605	1,747

| 100.00 100.00 100.00 100.00 100.00 | 100.00

477 . tab EVA307_2 partic5a if EVA_vers=="yr2005", col

```

+-----+
| Key |
+-----+
| frequency |
| column percentage |
+-----+

Vote for |
Yushchenko |
in 3rd |
round |
influenced |
by |
endorsemen |
t of: A. |
Moroz | Part in r | Aid rev | Support r | Apathetic | Oppose re | Total
-----|-----|-----|-----|-----|-----|-----
no | 233 | 45 | 541 | 154 | 604 | 1,577
| 83.51 | 77.59 | 83.10 | 100.00 | 99.83 | 90.27
-----|-----|-----|-----|-----|-----
yes | 46 | 13 | 110 | 0 | 1 | 170
| 16.49 | 22.41 | 16.90 | 0.00 | 0.17 | 9.73
-----|-----|-----|-----|-----|-----
Total | 279 | 58 | 651 | 154 | 605 | 1,747
| 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00
    
```

478 . tab EVA307_3 partic5a if EVA_vers=="yr2005", col

```

+-----+
| Key |
+-----+
| frequency |
| column percentage |
+-----+

Vote for |
Yushchenko |
in 3rd |
round |
influenced |
by |
endorsemen |
t of: Yu. |
Timoshenko | Part in r | Aid rev | Support r | Apathetic | Oppose re | Total
-----|-----|-----|-----|-----|-----|-----
no | 179 | 38 | 500 | 153 | 600 | 1,470
| 64.16 | 65.52 | 76.80 | 99.35 | 99.17 | 84.14
-----|-----|-----|-----|-----|-----
yes | 100 | 20 | 151 | 1 | 5 | 277
| 35.84 | 34.48 | 23.20 | 0.65 | 0.83 | 15.86
-----|-----|-----|-----|-----|-----
Total | 279 | 58 | 651 | 154 | 605 | 1,747
| 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00
    
```

479 .
480 . * =====
481 . * DATA FOR FIGURE 7.11: POL SELF-ID AMONG PARTICIPANTS, SUPPORTERS,
482 . * OPPONENTS (UKRAINE ONLY)
483 . * =====
484 . * Note: Herfindahl indices calculated by hand
485 . clear

486 . use monitoring20052014engmerged.dta

487 . tab EVA13 partic5a if EVA_vers=="yr2005", col

```

+-----+
| Key |
+-----+
| frequency |
| column percentage |
+-----+

Choose the political |
tendency closest to |
you | Part in r | Aid rev | Support r | Apathetic | Oppose re | Total
-----|-----|-----|-----|-----|-----|-----
Communist | 3 | 1 | 32 | 9 | 82 | 127
| 1.08 | 1.72 | 4.92 | 5.84 | 13.55 | 7.27
-----|-----|-----|-----|-----|-----
Socialist | 37 | 7 | 88 | 8 | 86 | 226
| 13.26 | 12.07 | 13.52 | 5.19 | 14.21 | 12.94
-----|-----|-----|-----|-----|-----
Social-democratic | 31 | 6 | 75 | 17 | 114 | 243
| 11.11 | 10.34 | 11.52 | 11.04 | 18.84 | 13.91
-----|-----|-----|-----|-----|-----
Green | 10 | 2 | 14 | 3 | 20 | 49
| 3.58 | 3.45 | 2.15 | 1.95 | 3.31 | 2.80
-----|-----|-----|-----|-----|-----
Liberal | 3 | 1 | 8 | 3 | 6 | 21
| 1.08 | 1.72 | 1.23 | 1.95 | 0.99 | 1.20
-----|-----|-----|-----|-----|-----
Christian-democratic | 15 | 4 | 17 | 6 | 14 | 56
| 5.38 | 6.90 | 2.61 | 3.90 | 2.31 | 3.21
    
```

National-democratic	78	13	72	5	13	181
	27.96	22.41	11.06	3.25	2.15	10.36
Nationalist	19	4	12	0	1	36
	6.81	6.90	1.84	0.00	0.17	2.06
Other	10	3	8	3	6	30
	3.58	5.17	1.23	1.95	0.99	1.72
None in general	19	2	73	23	58	175
	6.81	3.45	11.21	14.94	9.59	10.02
I have not yet define	27	6	110	30	91	264
	9.68	10.34	16.90	19.48	15.04	15.11
I don't follow these	27	9	142	47	114	339
	9.68	15.52	21.81	30.52	18.84	19.40
Total	279	58	651	154	605	1,747
	100.00	100.00	100.00	100.00	100.00	100.00

488 . tab EVA13 partic5a if EVA_vers=="yr2014", col

```
+-----+
| Key   |
+-----+
|       |
| frequency |
| column percentage |
+-----+
```

Choose the political tendency closest to you	Part/Aid/Support/Apathetic/Oppose					Total
	Part in r	Aid rev	Support r	Apathetic	Oppose re	
Communist	0	2	12	11	47	72
	0.00	1.48	1.66	4.82	9.02	4.11
Socialist	0	2	45	21	95	163
	0.00	1.48	6.22	9.21	18.23	9.31
Social-democratic	8	11	75	24	54	172
	5.59	8.15	10.37	10.53	10.36	9.83
Green	3	1	15	5	9	33
	2.10	0.74	2.07	2.19	1.73	1.89
Liberal	9	8	19	4	5	45
	6.29	5.93	2.63	1.75	0.96	2.57
Christian-democratic	11	3	30	8	10	62
	7.69	2.22	4.15	3.51	1.92	3.54
National-democratic	45	49	129	11	14	248
	31.47	36.30	17.84	4.82	2.69	14.17
Nationalist	27	14	35	5	4	85
	18.88	10.37	4.84	2.19	0.77	4.86
Other	2	2	7	1	1	13
	1.40	1.48	0.97	0.44	0.19	0.74
None in general	7	12	74	33	74	200
	4.90	8.89	10.24	14.47	14.20	11.43
I have not yet define	17	19	113	38	62	249
	11.89	14.07	15.63	16.67	11.90	14.23
I don't follow these	14	12	169	67	146	408
	9.79	8.89	23.37	29.39	28.02	23.31
Total	143	135	723	228	521	1,750
	100.00	100.00	100.00	100.00	100.00	100.00

```
489 .
490 . * =====
491 . * REASONS PARTICIPANTS GAVE FOR PARTICIPATION--TUNISIAN AND
492 . * EGYPTIAN REVOLUTIONS
493 . * =====
494 . clear
```

495 . use fullarabbarom2.dta

496 . tab eg8091 egpartic5 if country==2, col

```
+-----+
| Key   |
+-----+
|       |
| frequency |
| column percentage |
+-----+
```

What was the most important reason for the Jan25-Feb11 protests?	Participa	Egypt: Part/Aid/Support/Apath/Oppose	Aid	Support	Apathetic	Oppose	Total
Unspecified	1 1.11	0 0.00	1 0.12	0 0.00	1 0.56	3 0.25	
Demands for improving	33 36.67	12 42.86	454 54.44	45 54.88	99 55.93	643 53.10	
Demands for civil and	16 17.78	2 7.14	49 5.88	4 4.88	11 6.21	82 6.77	
Demands for authority	20 22.22	8 28.57	49 5.88	2 2.44	15 8.47	94 7.76	
Combating corruption	15 16.67	5 17.86	257 30.82	27 32.93	46 25.99	350 28.90	
Replacing the Mubarak	2 2.22	1 3.57	10 1.20	1 1.22	3 1.69	17 1.40	
Objecting to pro-West	0 0.00	0 0.00	1 0.12	0 0.00	0 0.00	1 0.08	
Objecting to pro-Isra	2 2.22	0 0.00	0 0.00	0 0.00	0 0.00	2 0.17	
Social justices (just	1 1.11	0 0.00	0 0.00	0 0.00	0 0.00	1 0.08	
Combating price hikes	0 0.00	0 0.00	1 0.12	0 0.00	0 0.00	1 0.08	
No answer	0 0.00	0 0.00	1 0.12	0 0.00	0 0.00	1 0.08	
I don't know	0 0.00	0 0.00	11 1.32	3 3.66	2 1.13	16 1.32	
Total	90 100.00	28 100.00	834 100.00	82 100.00	177 100.00	1,211 100.00	

497 . tab eg8092 egpartic5 if country==2, col

```

+-----+
| Key    |
+-----+
|         |
| frequency |
| column percentage |
+-----+

```

What was the second most important reason for the Jan25-Feb11 protests?	Participa	Egypt: Part/Aid/Support/Apath/Oppose	Aid	Support	Apathetic	Oppose	Total
Unspecified	1 1.11	0 0.00	1 0.12	0 0.00	1 0.56	3 0.25	
Demands for improving	26 28.89	10 35.71	225 26.98	22 26.83	42 23.73	325 26.84	
Demands for civil and	10 11.11	4 14.29	75 8.99	5 6.10	24 13.56	118 9.74	
Demands for authority	13 14.44	4 14.29	106 12.71	15 18.29	28 15.82	166 13.71	
Combating corruption	36 40.00	9 32.14	379 45.44	35 42.68	71 40.11	530 43.77	
Replacing the Mubarak	3 3.33	1 3.57	26 3.12	1 1.22	7 3.95	38 3.14	
Objecting to pro-West	0 0.00	0 0.00	2 0.24	0 0.00	0 0.00	2 0.17	
Objecting to pro-Isra	1 1.11	0 0.00	3 0.36	0 0.00	2 1.13	6 0.50	
Social justices (just	0 0.00	0 0.00	1 0.12	1 1.22	0 0.00	2 0.17	
Combating price hikes	0 0.00	0 0.00	2 0.24	0 0.00	0 0.00	2 0.17	
Combating unemploymen	0 0.00	0 0.00	2 0.24	0 0.00	0 0.00	2 0.17	
No answer	0 0.00	0 0.00	1 0.12	0 0.00	0 0.00	1 0.08	
I don't know	0 0.00	0 0.00	11 1.32	3 3.66	2 1.13	16 1.32	
Total	90 100.00	28 100.00	834 100.00	82 100.00	177 100.00	1,211 100.00	

498 . tab t9091 tpartic4 if country==10, col

```

+-----+
| Key |
+-----+
| frequency |
| column percentage |
+-----+

Most important reason |
some citizens |
participated in the |
Dec2010-Jan2011 |
revoln: | Tunisia: Part/Supp/Apath,Inact/Oppose |
-----+-----+-----+-----+-----+-----+
Demands for improving | 99 | 500 | 93 | 24 | 716 |
| 57.89 | 61.58 | 70.45 | 61.54 | 62.05 |
-----+-----+-----+-----+-----+
Demands for civil and | 34 | 110 | 12 | 9 | 165 |
| 19.88 | 13.55 | 9.09 | 23.08 | 14.30 |
-----+-----+-----+-----+-----+
Combating corruption | 26 | 154 | 17 | 4 | 201 |
| 15.20 | 18.97 | 12.88 | 10.26 | 17.42 |
-----+-----+-----+-----+-----+
Replacing the Ben Ali | 11 | 31 | 5 | 0 | 47 |
| 6.43 | 3.82 | 3.79 | 0.00 | 4.07 |
-----+-----+-----+-----+-----+
Objecting to pro-West | 0 | 0 | 1 | 0 | 1 |
| 0.00 | 0.00 | 0.76 | 0.00 | 0.09 |
-----+-----+-----+-----+-----+
I don't know | 1 | 16 | 4 | 2 | 23 |
| 0.58 | 1.97 | 3.03 | 5.13 | 1.99 |
-----+-----+-----+-----+-----+
Declined to answer | 0 | 1 | 0 | 0 | 1 |
| 0.00 | 0.12 | 0.00 | 0.00 | 0.09 |
-----+-----+-----+-----+-----+
Total | 171 | 812 | 132 | 39 | 1,154 |
| 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |

```

499 . tab t9092 tpartic4 if country==10, col

```

+-----+
| Key |
+-----+
| frequency |
| column percentage |
+-----+

2nd most important |
reason some citizens |
participated in |
Dec2010-Jan2011 |
revoln: | Tunisia: Part/Supp/Apath,Inact/Oppose |
-----+-----+-----+-----+-----+
Demands for improving | 32 | 151 | 20 | 8 | 211 |
| 18.82 | 18.92 | 15.38 | 21.62 | 18.59 |
-----+-----+-----+-----+-----+
Demands for civil and | 53 | 239 | 38 | 7 | 337 |
| 31.18 | 29.95 | 29.23 | 18.92 | 29.69 |
-----+-----+-----+-----+-----+
Combating corruption | 76 | 359 | 63 | 18 | 516 |
| 44.71 | 44.99 | 48.46 | 48.65 | 45.46 |
-----+-----+-----+-----+-----+
Replacing the Ben Ali | 7 | 36 | 7 | 3 | 53 |
| 4.12 | 4.51 | 5.38 | 8.11 | 4.67 |
-----+-----+-----+-----+-----+
Objecting to pro-West | 2 | 10 | 0 | 1 | 13 |
| 1.18 | 1.25 | 0.00 | 2.70 | 1.15 |
-----+-----+-----+-----+-----+
I don't know | 0 | 3 | 2 | 0 | 5 |
| 0.00 | 0.38 | 1.54 | 0.00 | 0.44 |
-----+-----+-----+-----+-----+
Total | 170 | 798 | 130 | 37 | 1,135 |
| 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |

```

```

500 .
501 . * =====
502 . * REASONS PARTICIPANTS GAVE FOR PARTICIPATION--UKRAINE: KIIS AND MONITORING
503 . * =====
504 . clear

```

505 . use mohyla.orangerev.dta

506 . tab v22_1 demopartvote, col

```

+-----+
| Key |
+-----+
| frequency |
| column percentage |
+-----+

```


510 . tab v22_5 demopartvote, col

```

+-----+
| Key |
+-----+
| frequency |
| column percentage |
+-----+

Why |
protest?: |
to stand |
for values |
of a just, |
democratic |
society |

```

	Protest & vote intention crosstab					Total
	Orange de	Orange vo	No vote,	Blue vote	Blue demo	
no	166	357	228	667	70	1,488
	59.93	64.91	84.76	91.50	85.37	78.03
yes	111	193	41	62	12	419
	40.07	35.09	15.24	8.50	14.63	21.97
Total	277	550	269	729	82	1,907
	100.00	100.00	100.00	100.00	100.00	100.00

511 . tab v22_6 demopartvote, col

```

+-----+
| Key |
+-----+
| frequency |
| column percentage |
+-----+

Why |
protest?: |
to feel |
happy, to |
experience |
solidarity |

```

	Protest & vote intention crosstab					Total
	Orange de	Orange vo	No vote,	Blue vote	Blue demo	
no	267	541	249	665	73	1,795
	96.39	98.36	92.57	91.22	89.02	94.13
yes	10	9	20	64	9	112
	3.61	1.64	7.43	8.78	10.98	5.87
Total	277	550	269	729	82	1,907
	100.00	100.00	100.00	100.00	100.00	100.00

512 . tab v22_7 demopartvote, col

```

+-----+
| Key |
+-----+
| frequency |
| column percentage |
+-----+

Why |
protest?: |
to be with |
friends |
and |
acquaintan |
ces |

```

	Protest & vote intention crosstab					Total
	Orange de	Orange vo	No vote,	Blue vote	Blue demo	
no	274	540	252	656	78	1,800
	98.92	98.18	93.68	89.99	95.12	94.39
yes	3	10	17	73	4	107
	1.08	1.82	6.32	10.01	4.88	5.61
Total	277	550	269	729	82	1,907
	100.00	100.00	100.00	100.00	100.00	100.00

513 . tab v22_8 demopartvote, col

```

+-----+
| Key |
+-----+
| frequency |
| column percentage |
+-----+

Why |
protest?: |
forced to |
by their |
bosses |

```

	Protest & vote intention crosstab					Total
	Orange de	Orange vo	No vote,	Blue vote	Blue demo	
no	275	545	262	667	74	1,823
	99.28	99.09	97.40	91.50	90.24	95.60
yes	2	5	7	62	8	84
	0.72	0.91	2.60	8.50	9.76	4.40

Total	277	550	269	729	82	1,907
	100.00	100.00	100.00	100.00	100.00	100.00

514 . tab v22_9 demopartvote, col

```

+-----+
| Key |
+-----+
| frequency |
| column percentage |
+-----+

Why |
protest?: |
they are |
paid money | Orange de Protest & vote intention crosstab
| Orange vo No vote, Blue vote Blue demo | Total
-----|-----|-----|-----|-----|-----|
no | 273 530 192 405 51 | 1,451
| 98.56 96.36 71.38 55.56 62.20 | 76.09
-----|-----|-----|-----|-----|-----|
yes | 4 20 77 324 31 | 456
| 1.44 3.64 28.62 44.44 37.80 | 23.91
-----|-----|-----|-----|-----|-----|
Total | 277 550 269 729 82 | 1,907
| 100.00 100.00 100.00 100.00 100.00 | 100.00

```

515 . tab v22_10 demopartvote, col

```

+-----+
| Key |
+-----+
| frequency |
| column percentage |
+-----+

Why |
protest?: |
other | Orange de Protest & vote intention crosstab
| Orange vo No vote, Blue vote Blue demo | Total
-----|-----|-----|-----|-----|-----|
no | 275 535 263 718 75 | 1,866
| 99.28 97.27 97.77 98.49 91.46 | 97.85
-----|-----|-----|-----|-----|-----|
yes | 2 15 6 11 7 | 41
| 0.72 2.73 2.23 1.51 8.54 | 2.15
-----|-----|-----|-----|-----|-----|
Total | 277 550 269 729 82 | 1,907
| 100.00 100.00 100.00 100.00 100.00 | 100.00

```

516 . tab v22_11 demopartvote, col

```

+-----+
| Key |
+-----+
| frequency |
| column percentage |
+-----+

Why |
protest?: |
hard to |
say | Orange de Protest & vote intention crosstab
| Orange vo No vote, Blue vote Blue demo | Total
-----|-----|-----|-----|-----|-----|
no | 276 527 224 681 82 | 1,790
| 99.64 95.82 83.27 93.42 100.00 | 93.86
-----|-----|-----|-----|-----|-----|
yes | 1 23 45 48 0 | 117
| 0.36 4.18 16.73 6.58 0.00 | 6.14
-----|-----|-----|-----|-----|-----|
Total | 277 550 269 729 82 | 1,907
| 100.00 100.00 100.00 100.00 100.00 | 100.00

```

517 . clear

518 . use monitoring20052014engmerged.dta

519 . tab EVA317_1 partic5 if EVA_vers=="yr2005", col

```

+-----+
| Key |
+-----+
| frequency |
| column percentage |
+-----+

Reason for |
protest: |
protest |
against |
authoritie |
s | Part Aid/Support/Oppose/Counter
| Part Aid Support Oppose Counter | Total
-----|-----|-----|-----|-----|-----|
no | 124 20 319 404 28 | 895
| 44.44 34.48 49.00 71.25 73.68 | 56.18
-----|-----|-----|-----|-----|-----|
yes | 155 38 332 163 10 | 698
| 55.56 65.52 51.00 28.75 26.32 | 43.82
-----|-----|-----|-----|-----|-----|

```

Total	279	58	651	567	38	1,593
	100.00	100.00	100.00	100.00	100.00	100.00

520 . tab EVA317_2 partic5 if EVA_vers=="yr2005", col

```

+-----+
| Key |
+-----+
| frequency |
| column percentage |
+-----+

Reason for |
protest: |
hope to |
improve |
material |
cond |
Part | Part | Aid | Support | Oppose | Counter | Total
-----+-----+-----+-----+-----+-----+-----+
no | 169 | 38 | 408 | 448 | 25 | 1,088
| 60.57 | 65.52 | 62.67 | 79.01 | 65.79 | 68.30
-----+-----+-----+-----+-----+-----+
yes | 110 | 20 | 243 | 119 | 13 | 505
| 39.43 | 34.48 | 37.33 | 20.99 | 34.21 | 31.70
-----+-----+-----+-----+-----+-----+
Total | 279 | 58 | 651 | 567 | 38 | 1,593
| 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00

```

521 . tab EVA317_3 partic5 if EVA_vers=="yr2005", col

```

+-----+
| Key |
+-----+
| frequency |
| column percentage |
+-----+

Reason for |
protest: |
dislike of |
one of |
candidates |
Part | Part | Aid | Support | Oppose | Counter | Total
-----+-----+-----+-----+-----+-----+
no | 189 | 47 | 520 | 415 | 22 | 1,193
| 67.74 | 81.03 | 79.88 | 73.19 | 57.89 | 74.89
-----+-----+-----+-----+-----+-----+
yes | 90 | 11 | 131 | 152 | 16 | 400
| 32.26 | 18.97 | 20.12 | 26.81 | 42.11 | 25.11
-----+-----+-----+-----+-----+-----+
Total | 279 | 58 | 651 | 567 | 38 | 1,593
| 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00

```

522 . tab EVA317_4 partic5 if EVA_vers=="yr2005", col

```

+-----+
| Key |
+-----+
| frequency |
| column percentage |
+-----+

Reason for |
protest: |
awakening |
of Ukr |
national |
consciousn |
ess |
Part | Part | Aid | Support | Oppose | Counter | Total
-----+-----+-----+-----+-----+-----+
no | 164 | 37 | 504 | 534 | 34 | 1,273
| 58.78 | 63.79 | 77.42 | 94.18 | 89.47 | 79.91
-----+-----+-----+-----+-----+-----+
yes | 115 | 21 | 147 | 33 | 4 | 320
| 41.22 | 36.21 | 22.58 | 5.82 | 10.53 | 20.09
-----+-----+-----+-----+-----+-----+
Total | 279 | 58 | 651 | 567 | 38 | 1,593
| 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00

```

523 . tab EVA317_5 partic5 if EVA_vers=="yr2005", col

```

+-----+
| Key |
+-----+
| frequency |
| column percentage |
+-----+

```


527 . tab EVA317_9 partic5 if EVA_vers=="yr2005", col

```

+-----+
| Key |
+-----+
| frequency |
| column percentage |
+-----+

Reason for |
protest: |
geopol |
choice |
between |
West and |
Russia |
Part/Aid/Support/Oppose/Counter
Part Aid Support Oppose Counter | Total
-----+-----+-----+-----+-----+-----+-----+
no | 269 57 644 505 36 | 1,511
| 96.42 98.28 98.92 89.07 94.74 | 94.85
-----+-----+-----+-----+-----+-----+
yes | 10 1 7 62 2 | 82
| 3.58 1.72 1.08 10.93 5.26 | 5.15
-----+-----+-----+-----+-----+
Total | 279 58 651 567 38 | 1,593
| 100.00 100.00 100.00 100.00 100.00 | 100.00

```

528 . tab EVA317_10 partic5 if EVA_vers=="yr2005", col

```

+-----+
| Key |
+-----+
| frequency |
| column percentage |
+-----+

Reason for |
protest: |
other |
Part/Aid/Support/Oppose/Counter
Part Aid Support Oppose Counter | Total
-----+-----+-----+-----+-----+-----+
no | 277 58 650 540 33 | 1,558
| 99.28 100.00 99.85 95.24 86.84 | 97.80
-----+-----+-----+-----+-----+
yes | 2 0 1 27 5 | 35
| 0.72 0.00 0.15 4.76 13.16 | 2.20
-----+-----+-----+-----+-----+
Total | 279 58 651 567 38 | 1,593
| 100.00 100.00 100.00 100.00 100.00 | 100.00

```

529 . tab EVA317_11 partic5 if EVA_vers=="yr2005", col

```

+-----+
| Key |
+-----+
| frequency |
| column percentage |
+-----+

Reason for |
protest: |
hard to |
say |
Part/Aid/Support/Oppose/Counter
Part Aid Support Oppose Counter | Total
-----+-----+-----+-----+-----+-----+
no | 277 57 593 425 32 | 1,384
| 99.28 98.28 91.09 74.96 84.21 | 86.88
-----+-----+-----+-----+-----+
yes | 2 1 58 142 6 | 209
| 0.72 1.72 8.91 25.04 15.79 | 13.12
-----+-----+-----+-----+-----+
Total | 279 58 651 567 38 | 1,593
| 100.00 100.00 100.00 100.00 100.00 | 100.00

```

```

530 .
531 . * =====
532 . * FIGURE 7.12: CLUSTER PROFILES OF PARTICIPANTS
533 . * =====
534 . * Figure 7.12 calculated using Latent Gold 4.5.0--separate analysis
535 .
536 . * =====
537 . * ATTITUDES TOWARD DEMOCRACY AMONG PARTICIPANTS: UKRAINE
538 . * =====
539 . clear

```

540 . use monitoring20052014engmerged.dta

541 . * Leaders vs. laws

542 . tab leadersvslaws newpartica if EVA_vers=="yr2005", col

```

+-----+
| Key |
+-----+
| frequency |
| column percentage |
+-----+

```

Strong leaders over laws/discus sions	Participated in rev protests vs. all other respondents		Total
	0	1	
Disagree	335 22.07	62 22.14	397 22.08
Hard to say	294 19.37	34 12.14	328 18.24
Agree	889 58.56	184 65.71	1,073 59.68
Total	1,518 100.00	280 100.00	1,798 100.00

543 . tab leadersvslaws newpartica if EVA_vers=="yr2014", col

```

+-----+
| Key |
+-----+
| frequency |
| column percentage |
+-----+

```

Strong leaders over laws/discus sions	Participated in rev protests vs. all other respondents		Total
	0	1	
Disagree	328 20.01	44 28.39	372 20.74
Hard to say	275 16.78	13 8.39	288 16.05
Agree	1,036 63.21	98 63.23	1,134 63.21
Total	1,639 100.00	155 100.00	1,794 100.00

544 . * Ukraine needs a multi-party system
545 . tab multiparty newpartica if EVA_vers=="yr2005", col

```

+-----+
| Key |
+-----+
| frequency |
| column percentage |
+-----+

```

Favors multiparty system in Ukraine	Participated in rev protests vs. all other respondents		Total
	0	1	
No	529 35.06	114 40.71	643 35.94
Hard to say	533 35.32	75 26.79	608 33.99
Yes	447 29.62	91 32.50	538 30.07
Total	1,509 100.00	280 100.00	1,789 100.00

546 . tab multiparty newpartica if EVA_vers=="yr2014", col

```

+-----+
| Key |
+-----+
| frequency |
| column percentage |
+-----+

```

Favors multiparty system in Ukraine	Participated in rev protests vs. all other respondents		Total
	0	1	
No	707 43.19	32 20.92	739 41.28
Hard to say	499 30.48	41 26.80	540 30.17
Yes	431 26.33	80 52.29	511 28.55
Total	1,637 100.00	153 100.00	1,790 100.00

547 . * Gypsies as inhabitants of Ukraine
 548 . tab EVA120_1 newpartica if EVA_vers=="yr2005", col

```

+-----+
| Key |
+-----+
| frequency |
| column percentage |
+-----+

Prepared |
to allow |
Gypsies to | Participated in rev
be: | protests vs. all
members of | other respondents
my family | 0 1 | Total
-----+-----+-----+
no | 1,499 276 | 1,775
| 98.62 98.57 | 98.61
-----+-----+-----+
yes | 21 4 | 25
| 1.38 1.43 | 1.39
-----+-----+-----+
Total | 1,520 280 | 1,800
| 100.00 100.00 | 100.00
    
```

549 . tab EVA120_2 newpartica if EVA_vers=="yr2005", col

```

+-----+
| Key |
+-----+
| frequency |
| column percentage |
+-----+

Prepared |
to allow |
Gypsies to | Participated in rev
be: close | protests vs. all
friends | other respondents
0 1 | Total
-----+-----+-----+
no | 1,502 277 | 1,779
| 98.82 98.93 | 98.83
-----+-----+-----+
yes | 18 3 | 21
| 1.18 1.07 | 1.17
-----+-----+-----+
Total | 1,520 280 | 1,800
| 100.00 100.00 | 100.00
    
```

550 . tab EVA120_3 newpartica if EVA_vers=="yr2005", col

```

+-----+
| Key |
+-----+
| frequency |
| column percentage |
+-----+

Prepared |
to allow |
Gypsies to | Participated in rev
be: | protests vs. all
neighbors | other respondents
0 1 | Total
-----+-----+-----+
no | 1,474 277 | 1,751
| 96.97 98.93 | 97.28
-----+-----+-----+
yes | 46 3 | 49
| 3.03 1.07 | 2.72
-----+-----+-----+
Total | 1,520 280 | 1,800
| 100.00 100.00 | 100.00
    
```

551 . tab EVA120_4 newpartica if EVA_vers=="yr2005", col

```

+-----+
| Key |
+-----+
| frequency |
| column percentage |
+-----+

Prepared |
to allow |
Gypsies to | Participated in rev
be: | protests vs. all
colleagues | other respondents
at work | 0 1 | Total
-----+-----+-----+
no | 1,506 278 | 1,784
| 99.08 99.29 | 99.11
-----+-----+-----+
yes | 14 2 | 16
| 0.92 0.71 | 0.89
-----+-----+-----+
Total | 1,520 280 | 1,800
    
```

| 100.00 100.00 | 100.00

552 . tab EVA120_5 newpartica if EVA_vers=="yr2005", col

```

+-----+
| Key |
+-----+
| frequency |
| column percentage |
+-----+

Prepared |
to allow |
Gypsies to |
be: | Participated in rev
inhabitant | protests vs. all
s of | other respondents
Ukraine | 0 1 | Total
-----+-----+-----+
no | 1,157 230 | 1,387
| 76.12 82.14 | 77.06
-----+-----+-----+
yes | 363 50 | 413
| 23.88 17.86 | 22.94
-----+-----+-----+
Total | 1,520 280 | 1,800
| 100.00 100.00 | 100.00

```

553 . tab EVA120_6 newpartica if EVA_vers=="yr2005", col

```

+-----+
| Key |
+-----+
| frequency |
| column percentage |
+-----+

Prepared |
to allow |
Gypsies to |
be: | Participated in rev
visitors | protests vs. all
to | other respondents
Ukraine, | 0 1 | Total
tourists |
-----+-----+-----+
no | 1,093 194 | 1,287
| 71.91 69.29 | 71.50
-----+-----+-----+
yes | 427 86 | 513
| 28.09 30.71 | 28.50
-----+-----+-----+
Total | 1,520 280 | 1,800
| 100.00 100.00 | 100.00

```

554 . tab EVA120_7 newpartica if EVA_vers=="yr2005", col

```

+-----+
| Key |
+-----+
| frequency |
| column percentage |
+-----+

Prepared |
to allow |
Gypsies to |
be: prefer | Participated in rev
not to | protests vs. all
allow in | other respondents
Ukraine | 0 1 | Total
-----+-----+-----+
no | 894 149 | 1,043
| 58.82 53.21 | 57.94
-----+-----+-----+
yes | 626 131 | 757
| 41.18 46.79 | 42.06
-----+-----+-----+
Total | 1,520 280 | 1,800
| 100.00 100.00 | 100.00

```

555 . tab EVA120 newpartica if EVA_vers=="yr2014", col

```

+-----+
| Key |
+-----+
| frequency |
| column percentage |
+-----+

```

Prepared to allow Gypsies to be . . .	Participated in rev protests vs. all other respondents		Total
	0	1	
Members of my family	5	0	5
	0.31	0.00	0.28
Close friends	20	2	22
	1.22	1.32	1.23
Neighbors	40	5	45
	2.44	3.29	2.52
Colleagues at work	22	1	23
	1.34	0.66	1.29
Inhabitants of Ukrain	376	49	425
	22.97	32.24	23.76
Visitors to Ukraine,	553	40	593
	33.78	26.32	33.15
Prefer not to allow i	621	55	676
	37.94	36.18	37.79
Total	1,637	152	1,789
	100.00	100.00	100.00

```
556 . * Jews as inhabitants of Ukraine
557 . tab EVA107_1 newpartica if EVA_vers=="yr2005", col
```

```
+-----+
| Key |
+-----+
| frequency |
| column percentage |
+-----+
```

Prepared to allow Jews to be: members of my family	Participated in rev protests vs. all other respondents		Total
	0	1	
no	1,468	275	1,743
	96.58	98.21	96.83
yes	52	5	57
	3.42	1.79	3.17
Total	1,520	280	1,800
	100.00	100.00	100.00

```
558 . tab EVA107_2 newpartica if EVA_vers=="yr2005", col
```

```
+-----+
| Key |
+-----+
| frequency |
| column percentage |
+-----+
```

Prepared to allow Jews to be: close friends	Participated in rev protests vs. all other respondents		Total
	0	1	
no	1,409	267	1,676
	92.70	95.36	93.11
yes	111	13	124
	7.30	4.64	6.89
Total	1,520	280	1,800
	100.00	100.00	100.00

```
559 . tab EVA107_3 newpartica if EVA_vers=="yr2005", col
```

```
+-----+
| Key |
+-----+
| frequency |
| column percentage |
+-----+
```

Prepared to allow Jews to be: neighbors	Participated in rev protests vs. all other respondents	0	1	Total
no		1,357	262	1,619
		89.28	93.57	89.94
yes		163	18	181
		10.72	6.43	10.06
Total		1,520	280	1,800
		100.00	100.00	100.00

560 . tab EVA107_4 newpartica if EVA_vers=="yr2005", col

```

+-----+
| Key |
+-----+
| frequency |
| column percentage |
+-----+

Prepared to allow Jews to be: colleagues at work
Participated in rev protests vs. all other respondents
0 1 Total
no 1,415 257 1,672
93.09 91.79 92.89
yes 105 23 128
6.91 8.21 7.11
Total 1,520 280 1,800
100.00 100.00 100.00
    
```

561 . tab EVA107_5 newpartica if EVA_vers=="yr2005", col

```

+-----+
| Key |
+-----+
| frequency |
| column percentage |
+-----+

Prepared to allow Jews to be: inhabitant s of Ukraine
Participated in rev protests vs. all other respondents
0 1 Total
no 1,135 216 1,351
74.67 77.14 75.06
yes 385 64 449
25.33 22.86 24.94
Total 1,520 280 1,800
100.00 100.00 100.00
    
```

562 . tab EVA107_6 newpartica if EVA_vers=="yr2005", col

```

+-----+
| Key |
+-----+
| frequency |
| column percentage |
+-----+

Prepared to allow Jews to be: visitors to Ukraine, tourists
Participated in rev protests vs. all other respondents
0 1 Total
no 1,004 165 1,169
66.05 58.93 64.94
yes 516 115 631
33.95 41.07 35.06
Total 1,520 280 1,800
100.00 100.00 100.00
    
```

563 . tab EVA107_7 newpartica if EVA_vers=="yr2005", col

```

+-----+
| Key |
+-----+
| frequency |
| column percentage |
+-----+

Prepared |
to allow |
Jews to |
be: prefer | Participated in rev
not to | protests vs. all
allow in | other respondents
Ukraine | 0 1 | Total
+-----+
no | 1,340 239 | 1,579
| 88.16 85.36 | 87.72
+-----+
yes | 180 41 | 221
| 11.84 14.64 | 12.28
+-----+
Total | 1,520 280 | 1,800
| 100.00 100.00 | 100.00

```

564 . tab EVA107 newpartica if EVA_vers=="yr2014", col

```

+-----+
| Key |
+-----+
| frequency |
| column percentage |
+-----+

Prepared to allow | Participated in rev
Jews to be . . . | protests vs. all
other respondents
0 1 | Total
+-----+
Members of my family | 46 2 | 48
| 2.81 1.30 | 2.68
+-----+
Close friends | 141 21 | 162
| 8.61 13.64 | 9.04
+-----+
Neighbors | 203 21 | 224
| 12.39 13.64 | 12.50
+-----+
Colleagues at work | 104 13 | 117
| 6.35 8.44 | 6.53
+-----+
Inhabitants of Ukrain | 392 50 | 442
| 23.93 32.47 | 24.67
+-----+
Visitors to Ukraine, | 643 36 | 679
| 39.26 23.38 | 37.89
+-----+
Prefer not to allow i | 109 11 | 120
| 6.65 7.14 | 6.70
+-----+
Total | 1,638 154 | 1,792
| 100.00 100.00 | 100.00

```

```

565 .
566 . * =====
567 . * MEMBERSHIP IN CIVIL SOCIETY ASSOCIATIONS
568 . * =====
569 . * Ukrainian revolutions
570 . clear

```

571 . use monitoring20052014engmerged.dta

572 . tab civsoc newpartica if EVA_vers=="yr2005", col

```

+-----+
| Key |
+-----+
| frequency |
| column percentage |
+-----+

Belongs to |
civil | Participated in rev
society | protests vs. all
associatio | other respondents
n (0/1) | 0 1 | Total
+-----+
no | 1,288 219 | 1,507
| 84.74 78.21 | 83.72
+-----+
yes | 232 61 | 293
| 15.26 21.79 | 16.28
+-----+
Total | 1,520 280 | 1,800
| 100.00 100.00 | 100.00

```

573 . tab civsoc newpartica if EVA_vers=="yr2014", col

```

+-----+
| Key |
+-----+
| frequency |
| column percentage |
+-----+

Belongs to |
civil | Participated in rev
society | protests vs. all
associatio | other respondents
n (0/1) | 0 1 | Total
-----+-----+-----+
no | 1,454 110 | 1,564
| 88.39 70.97 | 86.89
-----+-----+-----+
yes | 191 45 | 236
| 11.61 29.03 | 13.11
-----+-----+-----+
Total | 1,645 155 | 1,800
| 100.00 100.00 | 100.00

```

574 . * Egyptian and Tunisian revolutions

575 . clear

576 . use fullarabbarom2.dta

577 . tab membany egrevpart if country==2, col

```

+-----+
| Key |
+-----+
| frequency |
| column percentage |
+-----+

Are you a |
member of |
any |
organizati | Participated in
on (from | Egyptian rev (0/1)
q501)? | 0 1 | Total
-----+-----+-----+
No/NA | 978 51 | 1,029
| 87.24 56.67 | 84.97
-----+-----+-----+
Yes | 143 39 | 182
| 12.76 43.33 | 15.03
-----+-----+-----+
Total | 1,121 90 | 1,211
| 100.00 100.00 | 100.00

```

578 . tab membany trevpart if country==10, col

```

+-----+
| Key |
+-----+
| frequency |
| column percentage |
+-----+

Are you a |
member of |
any |
organizati | Participated in
on (from | Tunisian rev (0/1)
q501)? | 0 1 | Total
-----+-----+-----+
No/NA | 938 135 | 1,073
| 95.42 78.95 | 92.98
-----+-----+-----+
Yes | 45 36 | 81
| 4.58 21.05 | 7.02
-----+-----+-----+
Total | 983 171 | 1,154
| 100.00 100.00 | 100.00

```

579 .

580 . * =====

581 . * GROWTH OF DIGITAL TECHNOLOGIES IN REVOLUTIONS

582 . * =====

583 . clear

584 . use revolutionaryeps.dta

```
585 . * Urban civic vs. other revs since 1994
586 . logit socialmediaused startyear urbancivic if startyear>1993, or
```

```
Iteration 0: log likelihood = -48.016568
Iteration 1: log likelihood = -37.911578
Iteration 2: log likelihood = -37.769873
Iteration 3: log likelihood = -37.769604
Iteration 4: log likelihood = -37.769604
```

```
Logistic regression      Number of obs   =      71
                        LR chi2(2)                =     20.49
                        Prob > chi2                 =     0.0000
Log likelihood = -37.769604  Pseudo R2         =     0.2134
```

socialmediaused	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]	
startyear	1.146074	.0576668	2.71	0.007	1.038443	1.26486
urbancivic	6.260411	4.053673	2.83	0.005	1.759714	22.27222
_cons	1.4e-119	1.4e-117	-2.71	0.007	1.6e-205	1.17e-33

```
587 . margins, atmeans at(urbancivic=(0 1))
```

```
Adjusted predictions      Number of obs   =      71
Model VCE      : OIM

Expression   : Pr(socialmediaused), predict()

1. at       : startyear      = 2006.056 (mean)
              urbancivic    = 0

2. _at     : startyear      = 2006.056 (mean)
              urbancivic    = 1
```

	Margin	Std. Err.	z	P> z	[95% Conf. Interval]	
_at						
1	.4545793	.0809385	5.62	0.000	.2959428	.6132158
2	.8391694	.0753863	11.13	0.000	.691415	.9869238

```
588 . * Media use in urban civic revs since 1994
589 . tab newspaperused urbancivic if startyear<1994, col
```

```
+-----+
| Key   |
+-----+
|       |
| frequency |
| column percentage |
+-----+
```

Opposition use of print material (newspaper s, pamphlets, leaflets?)	Urban civic episode		Total
	no	yes	
no	84	3	87
	34.15	10.71	31.75
yes	162	25	187
	65.85	89.29	68.25
Total	246	28	274
	100.00	100.00	100.00

```
590 . tab radioused urbancivic if startyear<1994, col
```

```
+-----+
| Key   |
+-----+
|       |
| frequency |
| column percentage |
+-----+
```

Opposition use of radio?	Urban civic episode		Total
	no	yes	
no	151	14	165
	61.38	50.00	60.22
yes	95	14	109
	38.62	50.00	39.78
Total	246	28	274
	100.00	100.00	100.00

591 . tab televisused urbancivic if startyear<1994, col

```

+-----+
| Key |
+-----+
| frequency |
| column percentage |
+-----+

Opposition |
use of |
television |
(or |
attempt to |
gain |
control | Urban civic episode
of)? | no yes | Total
-----+-----+-----+
no | 233 18 | 251
| 94.72 64.29 | 91.61
-----+-----+-----+
yes | 13 10 | 23
| 5.28 35.71 | 8.39
-----+-----+-----+
Total | 246 28 | 274
| 100.00 100.00 | 100.00

```

592 . tab socialmediaused urbancivic if startyear>1993, col

```

+-----+
| Key |
+-----+
| frequency |
| column percentage |
+-----+

Opposition |
use of new |
social |
media |
(internet, |
mobile | Urban civic episode
phones)? | no yes | Total
-----+-----+-----+
no | 25 4 | 29
| 55.56 15.38 | 40.85
-----+-----+-----+
yes | 20 22 | 42
| 44.44 84.62 | 59.15
-----+-----+-----+
Total | 45 26 | 71
| 100.00 100.00 | 100.00

```

593 . tab newspaperused urbancivic if startyear>1993, col

```

+-----+
| Key |
+-----+
| frequency |
| column percentage |
+-----+

Opposition |
use of |
print |
material |
(newspaper |
s, |
pamphlets, | Urban civic episode
leaflets)? | no yes | Total
-----+-----+-----+
no | 22 9 | 31
| 48.89 34.62 | 43.66
-----+-----+-----+
yes | 23 17 | 40
| 51.11 65.38 | 56.34
-----+-----+-----+
Total | 45 26 | 71
| 100.00 100.00 | 100.00

```

594 . tab radioused urbancivic if startyear>1993, col

```

+-----+
| Key |
+-----+
| frequency |
| column percentage |
+-----+

```

Opposition use of radio?	Urban civic episode		Total
	no	yes	
no	27 60.00	16 61.54	43 60.56
yes	18 40.00	10 38.46	28 39.44
Total	45 100.00	26 100.00	71 100.00

595 . tab televisused urbancivic if startyear>1993, col

```

+-----+
| Key |
+-----+
| frequency |
| column percentage |
+-----+
    
```

Opposition use of television (or attempt to gain control of)?	Urban civic episode		Total
	no	yes	
no	30 66.67	12 46.15	42 59.15
yes	15 33.33	14 53.85	29 40.85
Total	45 100.00	26 100.00	71 100.00

```

596 .
597 . * =====
598 . * DIGITAL COMMUNICATIONS USAGE AMONG REV PARTICIPANTS
599 . * =====
600 . * Ukrainian revolutions--internet and mobile phone usage among participants
601 . clear
    
```

602 . use monitoring20052014engmerged.dta

603 . tab internet newpartica if EVA_vers=="yr2005", col

```

+-----+
| Key |
+-----+
| frequency |
| column percentage |
+-----+
    
```

Uses internet	Participated in rev protests vs. all other respondents		Total
	0	1	
no	1,393 91.64	222 79.57	1,615 89.77
yes	127 8.36	57 20.43	184 10.23
Total	1,520 100.00	279 100.00	1,799 100.00

604 . tab internet newpartica if EVA_vers=="yr2014", col

```

+-----+
| Key |
+-----+
| frequency |
| column percentage |
+-----+
    
```

Uses internet	Participated in rev protests vs. all other respondents		Total
	0	1	
no	676 41.22	47 30.32	723 40.28
yes	964 58.78	108 69.68	1,072 59.72
Total	1,640 100.00	155 100.00	1,795 100.00

605 . tab mobilephone newpartica if EVA_vers=="yr2005", col

```

+-----+
| Key |
+-----+
| frequency |
| column percentage |
+-----+

```

Owns mobile phone	Participated in rev protests vs. all other respondents		Total
	0	1	
0	1,157 76.32	179 64.16	1,336 74.43
1	359 23.68	100 35.84	459 25.57
Total	1,516 100.00	279 100.00	1,795 100.00

606 . tab mobilephone newpartica if EVA_vers=="yr2014", col

```

+-----+
| Key |
+-----+
| frequency |
| column percentage |
+-----+

```

Owns mobile phone	Participated in rev protests vs. all other respondents		Total
	0	1	
0	196 11.97	21 13.55	217 12.10
1	1,442 88.03	134 86.45	1,576 87.90
Total	1,638 100.00	155 100.00	1,793 100.00

607 . tab digitaluser newpartica if EVA_vers=="yr2005", col

```

+-----+
| Key |
+-----+
| frequency |
| column percentage |
+-----+

```

Uses digital communications technologies (internet, cellphone, etc.)	Participated in rev protests vs. all other respondents		Total
	0	1	
0	1,113 73.42	163 58.63	1,276 71.13
1	403 26.58	115 41.37	518 28.87
Total	1,516 100.00	278 100.00	1,794 100.00

608 . tab digitaluser newpartica if EVA_vers=="yr2014", col

```

+-----+
| Key |
+-----+
| frequency |
| column percentage |
+-----+

```

Uses digital communications technologies (internet, cellphone, etc.)	Participated in rev protests vs. all other respondents		Total
	0	1	
0	133 8.11	13 8.39	146 8.13
1	1,507 91.89	142 91.61	1,649 91.87

```
-----+-----
```

Total	1,640	155	1,795
	100.00	100.00	100.00

```
-----+-----
```

```
609 . * Egyptian and Tunisian revolutions--internet and mobile phone usage among participants
610 . clear
```

```
611 . use fullarabbarom2.dta
```

```
612 . tab newinternet egrevpart if country==2, col
```

```
+-----+-----+
| Key |
+-----+-----+
| frequency |
| column percentage |
+-----+-----+

Does or |
does not |
use |
internet | Participated in
at all | Egyptian rev (0/1)
(0/1) | 0 1 | Total
-----+-----+
0 | 936 44 | 980
| 83.65 48.89 | 81.06
-----+-----+
1 | 183 46 | 229
| 16.35 51.11 | 18.94
-----+-----+
Total | 1,119 90 | 1,209
| 100.00 100.00 | 100.00
-----+-----+

```

```
613 . tab newinternet trevpart if country==10, col
```

```
+-----+-----+
| Key |
+-----+-----+
| frequency |
| column percentage |
+-----+-----+

Does or |
does not |
use |
internet | Participated in
at all | Tunisian rev (0/1)
(0/1) | 0 1 | Total
-----+-----+
0 | 671 63 | 734
| 69.68 36.84 | 64.73
-----+-----+
1 | 292 108 | 400
| 30.32 63.16 | 35.27
-----+-----+
Total | 963 171 | 1,134
| 100.00 100.00 | 100.00
-----+-----+

```

```
614 .
615 . * =====
616 . * CIVIL SOCIETY ASSOCIATION MEMBERS & INTERNET USAGE
617 . * AMONG PARTICIPANTS
618 . * =====
619 . * Ukrainian revolutions
620 . clear
```

```
621 . use monitoring20052014engmerged.dta
```

```
622 . tab civsoc internet if EVA_vers=="yr2005" & newpartica==1
```

```
Belongs to |
civil |
society |
associatio | Uses internet
n (0/1) | no yes | Total
-----+-----+
no | 170 48 | 218
yes | 52 9 | 61
-----+-----+
Total | 222 57 | 279
-----+-----+

```

```
623 . tab civsoc internet if EVA_vers=="yr2014" & newpartica==1
```

```
Belongs to |
civil |
society |
associatio | Uses internet
n (0/1) | no yes | Total
-----+-----+
no | 38 72 | 110
yes | 9 36 | 45
-----+-----+
Total | 47 108 | 155
-----+-----+

```

```
624 . * Egyptian and Tunisian revolutions
625 . clear
626 . use fullarabbarom2.dta
627 . tab membany newinternet if country==2 & egrevpart==1, col
```

```

+-----+
| Key |
+-----+
| frequency |
| column percentage |
+-----+

Are you a member of any organization (from q501)? | Does or does not use internet at all (0/1) | Total
-----+-----+-----+-----+-----+
No/NA | 32 | 19 | 51
| 72.73 | 41.30 | 56.67
-----+-----+-----+-----+-----+
Yes | 12 | 27 | 39
| 27.27 | 58.70 | 43.33
-----+-----+-----+-----+-----+
Total | 44 | 46 | 90
| 100.00 | 100.00 | 100.00

```

```
628 . tab membany newinternet if country==10 & trevpart==1, col
```

```

+-----+
| Key |
+-----+
| frequency |
| column percentage |
+-----+

Are you a member of any organization (from q501)? | Does or does not use internet at all (0/1) | Total
-----+-----+-----+-----+-----+
No/NA | 57 | 78 | 135
| 90.48 | 72.22 | 78.95
-----+-----+-----+-----+-----+
Yes | 6 | 30 | 36
| 9.52 | 27.78 | 21.05
-----+-----+-----+-----+-----+
Total | 63 | 108 | 171
| 100.00 | 100.00 | 100.00

```

```
629 .
630 . * =====
631 . * ROLE OF CHURCH ATTENDANCE AMONG UNIATES IN FOSTERING
632 . * PARTICIPATION--EUROMAIDAN
633 . * =====
634 . clear
635 . use monitoring20052014engmerged.dta
636 . logit newpartica gender newage i.uniate##i.attendschurch if EVA_vers=="yr2014", or
```

```

Iteration 0: log likelihood = -523.02112
Iteration 1: log likelihood = -512.78811
Iteration 2: log likelihood = -478.79287
Iteration 3: log likelihood = -473.95183
Iteration 4: log likelihood = -473.81063
Iteration 5: log likelihood = -473.81061

Logistic regression               Number of obs   =       1,795
                                LR chi2(5)      =        98.42
                                Prob > chi2      =        0.0000
Log likelihood = -473.81061       Pseudo R2      =        0.0941

-----+-----+-----+-----+-----+-----+
newpartica | Odds Ratio | Std. Err. | z | P>|z| | [95% Conf. Interval]
-----+-----+-----+-----+-----+-----+
gender | 1.893326 | .3416908 | 3.54 | 0.000 | 1.329254 | 2.696763
newage | .9868352 | .0055789 | -2.34 | 0.019 | .9759611 | .9978305
1.uniate | 4.234158 | 1.485495 | 4.11 | 0.000 | 2.128801 | 8.421687
-----+-----+-----+-----+-----+-----+
attendschurch
yes | 2.120879 | .5535762 | 2.88 | 0.004 | 1.271574 | 3.537449
uniate#attendschurch
1#yes | 1.157647 | .5543141 | 0.31 | 0.760 | .4528944 | 2.959072
cons | .0817374 | .0237339 | -8.62 | 0.000 | .0462657 | .1444051
-----+-----+-----+-----+-----+-----+

```


	0.00	1.11	0.08
I don't follow anythi	5	0	5
	0.45	0.00	0.41
Neighbors and friends	3	0	3
	0.27	0.00	0.25
Attending protests	0	1	1
	0.00	1.11	0.08
I don't know	4	0	4
	0.36	0.00	0.33
Total	1,121	90	1,211
	100.00	100.00	100.00

654 . tab t907 trevpart if country==10, col

```

+-----+
| Key |
+-----+
| frequency |
| column percentage |
+-----+

```

What sources did you depend on to follow the revolution 17 Dec 2010-14 Jan 2011?	Participated in Tunisian rev (0/1)		Total
	0	1	
TV	814	108	922
	82.81	63.16	79.90
Radio	22	4	26
	2.24	2.34	2.25
Newspapers (the daily	5	0	5
	0.51	0.00	0.43
The internet	16	7	23
	1.63	4.09	1.99
Facebook	85	49	134
	8.65	28.65	11.61
Twitter	1	0	1
	0.10	0.00	0.09
E-mail	1	0	1
	0.10	0.00	0.09
Declined to answer	6	0	6
	0.61	0.00	0.52
I don't know	23	2	25
	2.34	1.17	2.17
Others	10	1	11
	1.02	0.58	0.95
Total	983	171	1,154
	100.00	100.00	100.00

```

655 .
656 . * =====
657 . * INTERNET USAGE AND PARTICIPATION W. FRIENDS AMONG
658 . * PARTICIPANTS (TUNISIA AND EGYPT)
659 . * =====
660 . clear

```

661 . use fullarabbarom2.dta

662 . tab frpart egrevpart, col

```

+-----+
| Key |
+-----+
| frequency |
| column percentage |
+-----+

```

Did friends/acquaintances participate in protests(806/905)?	Participated in Egyptian rev (0/1)		Total
	0	1	
no	857	12	869
	76.45	13.33	71.76
yes	264	78	342
	23.55	86.67	28.24
Total	1,121	90	1,211
	100.00	100.00	100.00

663 . tab frpart trevpart , col

```

+-----+
| Key |
+-----+
| frequency |
| column percentage |
+-----+

Did |
friends/ac |
quaintance |
s |
participat |
e in | Participated in
protests(q | Tunisian rev (0/1)
806/905)? | 0 1 | Total
-----+-----+-----+
no | 661 20 | 681
| 67.24 11.70 | 59.01
-----+-----+-----+
yes | 322 151 | 473
| 32.76 88.30 | 40.99
-----+-----+-----+
Total | 983 171 | 1,154
| 100.00 100.00 | 100.00

```

664 . tab frpart intnetinrev if egpartic5==1, col chi

```

+-----+
| Key |
+-----+
| frequency |
| column percentage |
+-----+

Did |
friends/ac |
quaintance |
s |
participat | Used internet during
e in | revolution [EG805,
protests(q | T904==1; EG807,T907]
806/905)? | no yes | Total
-----+-----+-----+
no | 11 1 | 12
| 18.33 3.33 | 13.33
-----+-----+-----+
yes | 49 29 | 78
| 81.67 96.67 | 86.67
-----+-----+-----+
Total | 60 30 | 90
| 100.00 100.00 | 100.00

```

Pearson chi2(1) = 3.8942 Pr = 0.048

665 . tab frpart intnetinrev if tpartic4==1, col chi

```

+-----+
| Key |
+-----+
| frequency |
| column percentage |
+-----+

Did |
friends/ac |
quaintance |
s |
participat | Used internet during
e in | revolution [EG805,
protests(q | T904==1; EG807,T907]
806/905)? | no yes | Total
-----+-----+-----+
no | 17 3 | 20
| 18.89 3.70 | 11.70
-----+-----+-----+
yes | 73 78 | 151
| 81.11 96.30 | 88.30
-----+-----+-----+
Total | 90 81 | 171
| 100.00 100.00 | 100.00

```

Pearson chi2(1) = 9.5182 Pr = 0.002

666 .

```

667 . * =====
668 . * FIGURE 7.13: STRONG TIES AND USE OF INTERNET
669 . * DURING REVOLUTIONS--ARAB REVS ONLY
670 . * =====
671 . * Egypt
672 . mlogit egpartic5 gender c.newage#c.newage frpart intnetinrev if country==2, rrr
    
```

```

Iteration 0: log likelihood = -1211.6406
Iteration 1: log likelihood = -1143.1739
Iteration 2: log likelihood = -1119.3876
Iteration 3: log likelihood = -1109.8018
Iteration 4: log likelihood = -1092.1804
Iteration 5: log likelihood = -1075.519
Iteration 6: log likelihood = -1073.9532
Iteration 7: log likelihood = -1073.9512
Iteration 8: log likelihood = -1073.9511
    
```

```

Multinomial logistic regression      Number of obs   =      1,211
                                      LR chi2(20)      =      275.38
                                      Prob > chi2      =      0.0000
Log likelihood = -1073.9511          Pseudo R2       =      0.1136
    
```

	egpartic5	RRR	Std. Err.	z	P> z	[95% Conf. Interval]	
Participate							
gender		3.565495	1.003009	4.52	0.000	2.054322	6.188297
newage		1.139514	.0692751	2.15	0.032	1.011515	1.283711
c.newage#c.newage		.9983464	.0007258	-2.28	0.023	.9969248	.99977
frpart		17.83013	5.972169	8.60	0.000	9.247965	34.3766
intnetinrev		3.875754	1.277273	4.11	0.000	2.031603	7.3939
_cons		.0007722	.0009837	-5.63	0.000	.0000636	.0093778
Aid							
gender		1.257258	.5111657	0.56	0.573	.5666958	2.789324
newage		1.178375	.1145961	1.69	0.091	.9738788	1.425812
c.newage#c.newage		.9983179	.0011034	-1.52	0.128	.9961576	1.000483
frpart		12.59985	6.505038	4.91	0.000	4.580446	34.65955
intnetinrev		3.72654	1.920315	2.55	0.011	1.357297	10.23144
_cons		.0001794	.0003786	-4.09	0.000	2.86e-06	.0112329
Support (base outcome)							
Apathetic							
gender		1.021234	.2401345	0.09	0.929	.6441285	1.619117
newage		.9947896	.0466446	-0.11	0.911	.907443	1.090544
c.newage#c.newage		1.000191	.0005176	0.37	0.712	.9991773	1.001206
frpart		.7362015	.2256665	-1.00	0.318	.4037192	1.342499
intnetinrev		6.37e-08	.0001603	-0.01	0.995	0	.
_cons		.0924654	.0914898	-2.41	0.016	.0132971	.6429835
Oppose							
gender		.6809709	.1163056	-2.25	0.024	.4872464	.9517183
newage		.9548926	.0326299	-1.35	0.177	.8930337	1.021036
c.newage#c.newage		1.000466	.0003924	1.19	0.235	.9996971	1.001235
frpart		.6319432	.1410148	-2.06	0.040	.4080721	.9786315
intnetinrev		1.121848	.5294297	0.24	0.808	.4448661	2.829036
_cons		.7471496	.5124452	-0.42	0.671	.1948034	2.86562

```
673 . margins, atmeans at(frpart=(0 1) intnetinrev=(0 1))
```

```

Adjusted predictions      Number of obs   =      1,211
Model VCE      : OIM
    
```

```

1._predict : Pr(egpartic5==Participate), predict(pr outcome(1))
2._predict : Pr(egpartic5==Aid), predict(pr outcome(2))
3._predict : Pr(egpartic5==Support), predict(pr outcome(3))
4._predict : Pr(egpartic5==Apathetic), predict(pr outcome(4))
5._predict : Pr(egpartic5==Oppose), predict(pr outcome(5))
    
```

```

1._at : gender      = .5028902 (mean)
       newage      = 39.45334 (mean)
       frpart      = 0
       intnetinrev = 0
    
```

```

2._at : gender      = .5028902 (mean)
       newage      = 39.45334 (mean)
       frpart      = 0
       intnetinrev = 1
    
```

```

3._at : gender      = .5028902 (mean)
       newage      = 39.45334 (mean)
       frpart      = 1
       intnetinrev = 0
    
```

```

4._at : gender      = .5028902 (mean)
       newage      = 39.45334 (mean)
       frpart      = 1
       intnetinrev = 1
    
```

	Margin	Delta-method Std. Err.	z	P> z	[95% Conf. Interval]	
predict# at						
1 1	.0143967	.0044796	3.21	0.001	.0056169	.0231766
1 2	.0556339	.023361	2.38	0.017	.0098471	.1014207
1 3	.2056996	.0329196	6.25	0.000	.1411785	.2702208
1 4	.4551538	.0755069	6.03	0.000	.3071631	.6031446
2 1	.00711	.0033533	2.12	0.034	.0005376	.0136823
2 2	.0264176	.0174603	1.51	0.130	-.0078039	.0606391
2 3	.0717874	.0204777	3.51	0.000	.0316519	.111923
2 4	.1527294	.0578509	2.64	0.008	.0393437	.2661151
3 1	.7479719	.0188539	39.67	0.000	.7110189	.7849248
3 2	.7457707	.0704017	10.59	0.000	.607786	.8837554
3 3	.599378	.0356129	16.83	0.000	.529578	.669178
3 4	.3421916	.065337	5.24	0.000	.2141335	.4702497
4 1	.0765915	.0114463	6.69	0.000	.0541572	.0990259
4 2	4.86e-09	.0000122	0.00	1.000	-.000024	.000024
4 3	.0451848	.012843	3.52	0.000	.0200131	.0703566
4 4	1.64e-09	4.13e-06	0.00	1.000	-8.10e-06	8.10e-06
5 1	.15393	.0159189	9.67	0.000	.1227296	.1851303
5 2	.1721778	.0678938	2.54	0.011	.0391084	.3052472
5 3	.0779501	.0159431	4.89	0.000	.0467022	.109198
5 4	.0499251	.0221398	2.25	0.024	.0065319	.0933184

```
674 . * Tunisia
675 . mlogit tpartic4 gender newage frpart intnetinrev if country==10, rrr
```

```
Iteration 0: log likelihood = -1030.2143
Iteration 1: log likelihood = -901.4308
Iteration 2: log likelihood = -877.3224
Iteration 3: log likelihood = -876.4052
Iteration 4: log likelihood = -876.40278
Iteration 5: log likelihood = -876.40278
```

```
Multinomial logistic regression      Number of obs   =    1,154
LR chi2(12)                         =    307.62
Prob > chi2                          =    0.0000
Log likelihood = -876.40278          Pseudo R2       =    0.1493
```

tpartic4	RRR	Std. Err.	z	P> z	[95% Conf. Interval]	
Participate						
gender	4.544665	.999474	6.88	0.000	2.953272	6.993591
newage	.9815852	.0073757	-2.47	0.013	.9672349	.9961483
frpart	9.757791	2.540919	8.75	0.000	5.857327	16.25562
intnetinrev	2.112812	.4736116	3.34	0.001	1.361614	3.278443
_cons	.0298529	.0121558	-8.62	0.000	.0134396	.066311
Support	(base outcome)					
Apathetic inactive						
gender	1.026586	.1980864	0.14	0.892	.7033157	1.498442
newage	.9873577	.0066139	-1.90	0.058	.9744794	1.000406
frpart	.4307868	.104881	-3.46	0.001	.2673164	.6942232
intnetinrev	.8880006	.2742803	-0.38	0.701	.4847292	1.626774
_cons	.34056	.1027205	-3.57	0.000	.1885611	.6150849
Oppose						
gender	2.365988	.8202447	2.48	0.013	1.199269	4.66776
newage	.9764304	.0128219	-1.82	0.069	.9516206	1.001887
frpart	1.221756	.4351591	0.56	0.574	.6078659	2.455621
intnetinrev	2.176165	.8735358	1.94	0.053	.9908555	4.779398
_cons	.0568559	.0336466	-4.85	0.000	.0178257	.1813449

```
676 . margins, atmeans at(frpart=(0 1) intnetinrev=(0 1))
```

```
Adjusted predictions      Number of obs   =    1,154
Model VCE      : OIM

1._predict : Pr(tpartic4==Participate), predict(pr outcome(1))
2._predict : Pr(tpartic4==Support), predict(pr outcome(2))
3._predict : Pr(tpartic4==Apathetic_inactive), predict(pr outcome(3))
4._predict : Pr(tpartic4==Oppose), predict(pr outcome(4))

1. at      : gender      =    .5034662 (mean)
           : newage       =    39.87955 (mean)
           : frpart        =    0
           : intnetinrev =    0

2._at     : gender      =    .5034662 (mean)
           : newage       =    39.87955 (mean)
           : frpart        =    0
           : intnetinrev =    1

3._at     : gender      =    .5034662 (mean)
           : newage       =    39.87955 (mean)
           : frpart        =    1
           : intnetinrev =    0

4._at     : gender      =    .5034662 (mean)
           : newage       =    39.87955 (mean)
           : frpart        =    1
           : intnetinrev =    1
```

predict# at	Delta-method		z	P> z	[95% Conf. Interval]	
	Margin	Std. Err.				
1 1	.0239648	.0055657	4.31	0.000	.0130562	.0348734
1 2	.0486996	.0138728	3.51	0.000	.0215094	.0758899
1 3	.2082645	.0241791	8.61	0.000	.1608744	.2556547
1 4	.3495503	.0424692	8.23	0.000	.2663123	.4327884
2 1	.7860794	.0165179	47.59	0.000	.753705	.8184538
2 2	.7560614	.0407621	18.55	0.000	.6761692	.8359537
2 3	.7000935	.0264808	26.44	0.000	.648192	.7519949
2 4	.5561469	.0418316	13.29	0.000	.4741584	.6381354
3 1	.1633212	.0150781	10.83	0.000	.1337687	.1928737
3 2	.1394911	.0358904	3.89	0.000	.0691473	.209835
3 3	.0626606	.0131537	4.76	0.000	.0368799	.0884413
3 4	.044202	.0129686	3.41	0.001	.018784	.0696199
4 1	.0266345	.0062511	4.26	0.000	.0143826	.0388865
4 2	.0557478	.0214836	2.59	0.009	.0136407	.0978549
4 3	.0289814	.0088009	3.29	0.001	.011732	.0462308
4 4	.0501008	.016559	3.03	0.002	.0176457	.0825559

```

677 .
678 . * =====
679 . * INTERNET USAGE AND CONSISTENCY OF PARTICIPATION IN EGYPTIAN REVOLUTION
680 . * =====
681 . clear

```

```
682 . use fullarabbarom2.dta
```

```
683 . poisson etotaldemos intnetinrev if country==2, irr
```

```
Iteration 0: log likelihood = -142.0083
Iteration 1: log likelihood = -142.0083
```

```

Poisson regression          Number of obs   =       77
                           LR chi2(1)       =         8.22
                           Prob > chi2      =        0.0041
Log likelihood = -142.0083   Pseudo R2      =        0.0281

```

etotaldemos	IRR	Std. Err.	z	P> z	[95% Conf. Interval]	
intnetinrev	1.514807	.2158941	2.91	0.004	1.145624	2.002962
cons	2.283019	.2075472	9.08	0.000	1.910414	2.728296

```
684 . margins, at(intnetinrev=(0 1))
```

```

Adjusted predictions          Number of obs   =       77
Model VCE      : OIM
Expression     : Predicted number of events, predict()
1._at         : intnetinrev   =         0
2._at         : intnetinrev   =         1

```

_at	Delta-method		z	P> z	[95% Conf. Interval]	
	Margin	Std. Err.				
1	2.283019	.2075472	11.00	0.000	1.876234	2.689804
2	3.458333	.3796014	9.11	0.000	2.714328	4.202338

```

685 .
686 .
687 . log close
      name: <unnamed>
      log: C:\Users\mbeissin\Desktop\Stata files for book\Logfiles\chapter7.log
      log type: text
      closed on: 25 Jan 2022, 22:17:43

```